

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 04/19/2017 Supersedes:10/19/2015

	Revision date: 04/19/2017	Supersedes:10/19/2015	Version: 1.2
SECTION 1: Identification o	f the substance/mixture and o	of the company/undertaking	
1.1. Product identifier		ine company/undertaking	
Product form	: Mixture		
Trade name		1 DOT 3 BRAKE FLUID 12 FL.OZ.	
Product code	: 2224		
1.2. Relevant identified uses	of the substance or mixture and uses	s advised against	
Use of the substance/mixture	: Brake Fluid		
1.3. Details of the supplier of	the safety data sheet		
Technical Chemical Company P.O. BOX 139			
Cleburne, Texas 76033			
T 817-645-6088			
1.4. Emergency telephone nu	mber		
Emergency number	: CHEMTREC 24 Hour 1	-800-424-9300, 1-703-527-3887 (International)	
SECTION 2: Hazards identif	ination		
2.1. Classification of the subs			
	stance of mixture		
GHS-US classification			
Acute Tox. 4 (Oral) H302 Skin Irrit. 2 H315			
Eye Dam. 1 H318			
Repr. 2 H361			
STOT RE 2 H373			
2.2. Label elements			
GHS-US labelling			
	GHS05 GH	IS07 GHS08	
Signal word (GHS-US)	: Danger		
Hazard statements (GHS-US)	: H302 - Harmful if swallo		
	H315 - Causes skin irrit H318 - Causes serious		
		maging fertility or the unborn child	
		age to organs through prolonged or repeated exposu	ire
Precautionary statements (GHS-US)			
		ntil all safety precautions have been read and unders dust, fumes, gas,mist, vapor spray	tood
		reas thoroughly after handling	
		or smoke when using this product	
		gloves, protective clothing, eye protection, face protect red: Call a poison center, doctor if you feel unwell	tion
		Wash with plenty of soap and water	
	P305+P351+P338 - If ir	n eyes: Rinse cautiously with water for several minute	es. Remove contact
		asy to do. Continue rinsing d or concerned: Get medical advice/attention	
		a poison center,doctor, physician	
	P314 - Get medical adv	ice/attention if you feel unwell	
	P321 - Specific treatme P330 - Rinse mouth	nt: See section 4.1 on SDS	
	P332+P313 - If skin irrit	ation occurs: Get medical advice/attention	
		contaminated clothing and wash it before reuse	
	P405 - Store locked up P501 - Dispose of conte	ents/container to appropriate waste disposal facility, in	n accordance with
		, international regulations.	
2.3. Other hazards			
Other hazards not contributing to the	: None under normal con	ditions.	
classification			

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

Name	Product identifier	%	GHS-US classification
Triethylene Glycol Monomethyl Ether	(CAS No) 112-35-6	5 - 50	Not classified as hazardous
Triethyleneglycol Monoethyl Ether	(CAS No) 112-50-5	5 - 50	Not classified as hazardous
Triethylene Glycol Monobutyl Ether	(CAS No) 143-22-6	5 - 50	Eye Dam. 1, H318
3,6,9,12-Tetraoxahexadecane-1-ol	(CAS No) 1559-34-8	5 - 20	Not classified as hazardous
Polyethylene Glycol 200-600	(CAS No) 25322-68-3	5 - 20	Not classified as hazardous
2-(2-Butoxyethoxy) Ethanol	(CAS No) 112-34-5	5 - 20	Eye Irrit. 2A, H319
Tetraethylene Glycol Monomethyl Ether	(CAS No) 23783-42-8	5 - 20	Not classified as hazardous
Oxirane, 2-Methyl-, Polymer with Oxirane, Monobutyl Ether	(CAS No) 9038-95-3	5 - 20	Not classified as hazardous
Polyalkylene Glycol Monobutyl Ether	(CAS No) 9004-77-7	5 - 20	Not classified as hazardous
Diethylene Glycol	(CAS No) 111-46-6	5 - 15	Acute Tox. 4 (Oral), H302 STOT RE 2, H373
Diethylene Glycol Monomethyl Ether	(CAS No) 111-77-3	< 5	Flam. Liq. 4, H227 Repr. 2, H361
Diethyleneglycolmonoethyl Ether	(CAS No) 111-90-0	< 5	Eye Irrit. 2A, H319
Trade Secret Inhibitor Package	(CAS No) Trade Secret	< 3	Not classified as hazardous

The exact percentage is a trade secret.

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Allow breathing of fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER or doctor/physician if you feel unwell.
4.2. Most important symptoms and effect	s, both acute and delayed
Symptoms/injuries	: Suspected of damaging fertility or the unborn child. Causes damage to organs.
Symptoms/injuries after inhalation	: May cause irritation or asthma-like symptoms.
Symptoms/injuries after skin contact	: Itching. Skin rash/inflammation. Red skin. Causes skin irritation.
Symptoms/injuries after eye contact	: Inflammation/damage of the eye tissue. Irritation of the eye tissue. Redness of the eye tissue. Causes serious eye damage.
Symptoms/injuries after ingestion	: May be harmful if swallowed and enters airways. May be fatal if swallowed and enters airways. Swallowing a small quantity of this material will result in serious health hazard.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from the su	ubstance or mixture
No additional information available	
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release mea	asures
6.1. Personal precautions, protective e	quipment and emergency procedures
General measures	: Remove ignition sources.

6.1.1. For non-emergency personnel	
Protective equipment	: Gloves. Safety glasses.
Emergency procedures	: Evacuate unnecessary personnel.
6.1.2 For emergency reconcidere	
6.1.2. For emergency responders	. Equip cleanup grow with proper protection
Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.
6.2. Environmental precautions	
Prevent entry to sewers and public waters. No	tify authorities if liquid enters sewers or public waters.
6.3. Methods and material for contain	ment and cleaning up
For containment	: Dam up the liquid spill. Contain released substance, pump into suitable containers. Plug the leak, cut off the supply.
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collec spillage. Store away from other materials.
6.4. Reference to other sections	
See Heading 8. Exposure controls and person	al protection.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions . Do not handle until all safety precautions have been read and understood. Avoid breathing dust,fume,gas,mist,vapor spray.
Hygiene measures	: Wash contaminated clothing before reuse. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately. Always wash hands after handling the product. Do not eat, drink or smoke when using this product. Wash affected areas thoroughly after handling. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage, inclu	ding any incompatibilities
Technical measures	: Proper grounding procedures to avoid static electricity should be followed. Comply with applicable regulations.
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.
7.3. Specific end use(s)	
Follow Label Directions.	
	rsonal protection

SECTION 8: Exposure co	ontrols/personal protection	
8.1. Control parameters		
2-(2-Butoxyethoxy) Ethanol (112-34-5)	
USA ACGIH	ACGIH TWA (ppm)	10 ppm (Diethylene glycol monobutyl ether; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Inhalable fraction and vapor)
8.2. Exposure controls		
Appropriate engineering controls	: Local exhaust venilation, vent hoods	. Ensure good ventilation of the work station.
Personal protective equipment	: Gloves. Safety glasses. Avoid all unn	ecessary exposure.
Materials for protective clothing	: GIVE EXCELLENT RESISTANCE:	
Hand protection	: Wear protective gloves.	
Eye protection	: Chemical goggles or safety glasses.	
Skin and body protection	: Wear suitable protective clothing.	
Respiratory protection	: Wear appropriate mask.	
Environmental exposure controls	: Avoid release to the environment.	
Consumer exposure controls	: Avoid contact during pregnancy/while	e nursing.
Other information	: Do not eat, drink or smoke during use	-

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 9: Physical and chemica	l properties
9.1. Information on basic physical and	
Physical state	: Liquid
Appearance	: Liquid.
Colour	: Colourless to light yellow.
Odour	: Mild.
Odour threshold	: No data available
рН	: 7.5 - 11.5
Relative evaporation rate (butylacetate=1)	: < 0.01
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 232 - 273 °C
Flash point	: > 135 °C
Auto-ignition temperature	: 310 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: < 0.01 mm Hg
Relative vapour density at 20 °C	: > 1 (air=1)
Relative density	: 1.025 - 1.075
Solubility	: Soluble in water.
Log Pow	: No data available : No data available
Log Kow Viscosity, kinematic	: 2 mm²/s @ 100 deg C
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
VOC content	: <1%
SECTION 10: Stability and reactivi	ty
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
Not established.	
10.3. Possibility of hazardous reactions	8
Not established.	
10.4. Conditions to avoid	
None. Direct sunlight. Extremely high or low te	emperatures.
10.5. Incompatible materials	
Strong acids. Strong bases.	
10.6. Hazardous decomposition produc	ts
Toxic fume Carbon monoxide. Carbon dioxid	
SECTION 11: Toxicological inform	
11.1. Information on toxicological effect	

Acute toxicity

: Oral: Harmful if swallowed.

JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 12 FL.OZ.	
> 2000 mg/kg	
-6)	
11865 mg/kg (Rat)	
7455 mg/kg (Rabbit)	
7750 mg/kg (Rat)	

Triethyleneglycol Monoethyl Ether (112-50-5)	
LD50 dermal rabbit	8168 mg/kg (Rabbit)
Triethylene Glycol Monobutyl Ether (143-22-6	
LD50 oral rat	> 5000 mg/kg (Rat)
LD50 dermal rabbit	3480 mg/kg (Rabbit)
3,6,9,12-Tetraoxahexadecane-1-ol (1559-34-8)	
LD50 oral rat	> 5000 mg/kg (Rat)
LD50 dermal rat	> 4000 mg/kg (Rat)
Polyethylene Glycol 200-600 (25322-68-3)	
LD50 oral rat	> 15000 mg/kg (Rat)
LD50 dermal rabbit	> 20000 mg/kg (Rabbit)
2-(2-Butoxyethoxy) Ethanol (112-34-5) LD50 oral rat	5660 malka (Pat)
LD50 dermal rabbit	5660 mg/kg (Rat) 2764 mg/kg (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity)
Diethylene Glycol (111-46-6)	
LD50 dermal rabbit	11890 mg/kg (Rabbit)
Diethylene Glycol Monomethyl Ether (111-77-	3)
LD50 oral rat	4140 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	> 20 mg/l/4h (Rat)
Diethyleneglycolmonoethyl Ether (111-90-0)	
LD50 oral rat	5445 mg/kg (Rat)
LD50 dermal rat	5940 mg/kg (Rat)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	> 5.2 mg/l/4h (Rat)
Tetraethylene Glycol Monomethyl Ether (2378	33-42-8)
LD50 oral rat	> 15000 mg/kg (Rat)
Oxirane, 2-Methyl-, Polymer with Oxirane, Mo	nobutyl Ether (9038-95-3)
LD50 oral rat	> 2000 mg/kg bodyweight (Rat)
LD50 dermal rabbit	> 2000 mg/kg bodyweight (Rabbit)
Skin corrosion/irritation	: Causes skin irritation.
	pH: 7.5 - 11.5
Serious eye damage/irritation	: Causes serious eye damage.
	pH: 7.5 - 11.5
Respiratory or skin sensitisation	: Not classified as hazardous
Germ cell mutagenicity	: Not classified as hazardous
	: Not classified as hazardous
Polyalkylene Glycol Monobutyl Ether (9004-7	
IARC group	4
	: Suspected of damaging fertility or the unborn child.
Specific target organ toxicity (single exposure)	: Not classified as hazardous
Specific target organ toxicity (repeated exposure)	: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified as hazardous
•	: Based on available data, the classification criteria are not met. Harmful if swallowed.
	: May cause irritation or asthma-like symptoms.
Symptoms/injuries after skin contact	: Itching. Skin rash/inflammation. Red skin. Causes skin irritation.
Symptoms/injuries after eye contact	: Inflammation/damage of the eye tissue. Irritation of the eye tissue. Redness of the eye tissue. Causes serious eye damage.
Symptoms/injuries after ingestion	: May be harmful if swallowed and enters airways. May be fatal if swallowed and enters airways. Swallowing a small quantity of this material will result in serious health hazard.

SECTION 12: Ecological information	
12.1. Toxicity	
Triethylene Glycol Monomethyl Ether (112-35-	6)
LC50 fish 1	> 5000 mg/l (LC50; 96 h)

Triethylen Glycol Monomethyl Ether (112-36-5) EGSD Daphnia > 10000 mg/l (LCS0. 48 h) Triethylen Glycol Monothyl Ether (114-32-8) LCSD Is fan 1 > 10000 mg/l (LCS0. 86 h) CSDD Daphnia 2 200 mg/l (LCS0. 48 h) Triethylen Glycol Monothyl Ether (114-32-20) LCSD Is fan 1 > 500 mg/l (LCS0. 48 h) Triethylen Glycol Monothyl Ether (114-32-20) LCSD Is fan 1 > 500 mg/l (LCS0. 48 h) Triethylen Glycol Monothyl Ether (114-32-8) LCSD Is fan 1 > 500 mg/l (LCS0. 48 h) Threshoel limit algae 1 > 500 mg/l (LCS0. 48 h) Threshoel limit algae 1 > 1000 mg/l (LCS0. 24 h) Threshoel limit algae 2 500 mg/l (LCS0. 24 h) Threshoel limit algae 2 500 mg/l (LCS0. 22 h) 242-Buocyethocyl Ethenol (112-34-5) LCS0 fan 1 LCS0 fan 1 500 mg/l (LCS0. 22 h) 242-Buocyethocyl Ether (114-77-5) LCS0. Cophini 8 LCS0 fan 1 > 5000 mg/l (LCS0. 24 h) CS0 fan 1 > 5000 mg/l (LCS0. 24 h) LCS0 fan 1 > 5000 mg/l (LCS0. 24 h) LCS0 fan 1 > 5000 mg/l (LCS0. 24 h) LCS0 fan 1 <t< th=""><th></th><th></th></t<>		
Treeshol min algae 1 > 500 mg/l (CS0, 72 h) Treidityleneglycol Monoschyl Ether (112-50- Sol man 1 > 10000 mg/l (CS0, 96 h) EGS0 Daphria 1 > 2000 mg/l (CS0, 96 h) EGS0 Daphria 2 > 500 mg/l (CS0, 72 h) EGS0 Daphria 2 > 500 mg/l (CS0, 96 h) EGS0 Daphria 2 > 500 mg/l (CS0, 72 h) EGS0 Daphria 2 > 500 mg/l (CS0, 96 h) EGS0 Daphria 1 > 1000 mg/l (CS0, 96 h) Treeshold mint algae 1 > 1000 mg/l (CS0, 72 h) EGS0 Daphria 2 > 500 mg/l (CS0, 72 h) EGS0 Daphria 1 > 1000 mg/l (CS0, 72 h) Treeshold mint algae 1 > 1000 mg/l (CS0, 72 h) EGS0 Daphria 2 > 5000 mg/l (CS0, 72 h) EGS0 Daphria 2 > 500 mg/l (CS0, 72 h) EGS0 Daphria 1 > 100 mg/l (CS0, 72 h) EGS0 Daphria 2 > 500 mg/l (CS0, 72 h) EGS0 Daphria 1 > 500 mg/l (CS0, 72 h) EGS0 Daphria 1 > 500 mg/l (CS0, 72 h) EGS0 Daphria 1 > 5000 mg/l (CS0, 72 h) EGS0 Daphria 1 > 5000 mg/l (CS0, 72 h) EGS0 Daphria 1 > 5000 mg/l (CS0, 72 h) EGS0 Daphria 1 > 5000 m		
Triethyleneglycol Monosityl Ether (112-59-5) 10000 mgl (LCS0: 96 h) LCS0 Ish 1 > 10000 mgl (LCS0: 96 h) ECS0 Daphnia 1 > 2000 mgl (LCS0: 96 h) ECS0 Daphnia 2 > 500 mgl (CS0: 72 h) 3.69.12 Furtraceshecadean=1-01 (1559-44) - ECS0 Daphnia 1 > 500 mgl (CS0: 96 h) ECS0 Daphnia 1 > 1000 mgl (CS0: 96 h) ECS0 Daphnia 1 > 1000 mgl (CS0: 96 h) ECS0 Daphnia 1 > 1000 mgl (CS0: 96 h) ECS0 Daphnia 1 > 1000 mgl (ECS0: 24 h) Tresthold imit algae 1 > 1000 mgl (ECS0: 24 h) Tresthold imit algae 2 5000 mgl (ECS0: 22 h) Z42400xynthoxyl Ethen (112-54-5) ECS0 Daphnia 2 ECS0 Daphnia 2 1000 mgl (ECS0: 22 h) Z42400xynthoxyl Ethen (112-73) ECS0 Daphnia 2 ECS0 Daphnia 1 > 5000 pml (LCS0: 24 h) Dethylene Glycol Monomethyl Ether (111-77) ECS0 Daphnia 1 > 5000 pml (LCS0: 24 h) Dethylene Glycol Monomethyl Ether (111-70) ECS0 Daphnia 1 > 5000 pml (LCS0: 96 h) ECS0 Daphnia 1 > 5000 mgl (ECS0: 72 h) Dethylene Glycol Monomethyl Ether (111-74)	•	
LG80 fm1 > 10000 mg1 (LG50, 96 h) EG50 Daphina 1 > 10000 mg1 (LG50, 96 h) EG50 Daphina 2 > 2000 mg1 (LG50, 96 h) EG50 Daphina 2 > 8000 mg1 (LG50, 96 h) EG50 Daphina 2 > 8000 mg1 (LG50, 96 h) EG50 Daphina 2 > 8000 mg1 (LG50, 96 h) EG50 Daphina 1 > 1000 mg1 (LG50, 96 h) EG50 Daphina 1 > 1000 mg1 (LG50, 96 h) EG50 Daphina 1 > 1000 mg1 (LG50, 96 h) EG50 Daphina 1 > 1000 mg1 (LG50, 96 h) EG50 Daphina 1 > 1000 mg1 (LG50, 96 h) EG50 Daphina 1 > 1000 mg1 (LG50, 72 h) Z42ButoxythoxythEtanol (123-34-5) EL50 finh 1 EG50 Daphina 2 > 5000 mg1 (LC50, 22 h) C24ButoxythoxythEtanol (123-34-5) EL50 finh 1 EG50 Daphina 2 > 5000 mg1 (LC50, 22 h) EG50 Daphina 2 > 5000 mg1 (LC50, 24 h) EG50 Daphina 2 > 5000 mg1 (LC50, 24 h) EG50 Daphina 1 > 0000 mg1 (LC50, 24 h) EG50 Daphina 1 > 5000 pg1 (LC50, 24 h) EG50 Daphina 1 > 0000 mg1 (LC50, 24 h) EG50 Daphina 1 > 0000 mg1 (LC50, 96 h) EG50 Daphina 1 > 0000 mg1 (LC50, 96 h)	Threshold limit algae 1	> 500 mg/l (EC50; 72 h)
EGS0 Dephnie 1 > 0000 mg/ (LCS0: 48 h) Triethytens Glycol Monobuyl Ether (143-24) 2200 mg/ (LCS0: 48 h) ECS0 Deprinis 2 > 5000 mg/ (ECS0: 72 h) 3.69.12 Totracostexadecand-tol (1559-349) 10000 mg/ (ECS0: 98 h) ECS0 Deprinis 1 > 1400 mg/ (LCS0: 98 h) ECS0 Deprinis 1 > 1400 mg/ (LCS0: 98 h) Polyethytens Glycol 200-600 (25322-68-3) 1000 mg/ (LCS0: 98 h) ECS0 Deprinis 1 > 5000 mg/ (LCS0: 98 h) ECS0 Deprinis 1 > 5000 mg/ (LCS0: 98 h) ECS0 Deprinis 1 > 5000 mg/ (LCS0: 98 h) ECS0 Deprinis 1 > 5000 mg/ (LCS0: 28 h) Threshold limit algae 2 5000 mg/ (LCS0: 28 h) ECS0 Deprinis 1 > 5000 mg/ (LCS0: C20 20: Deprinis a sp. Actel monobilisation Test; 48 h; Deprinis macrochirus; Static system; Fresh water: Experimental value) ECS0 Deprinis 1 > 5000 mg/ (LCS0: 28 h) ECS0 Deprinis 1 > 5000 mg/ (LCS0: 28 h) ECS0 Deprinis 1 > 5000 mg/ (LCS0: 28 h) ECS0 Deprinis 1 > 5000 mg/ (LCS0: 28 h) ECS0 Deprinis 1 > 5000 mg/ (LCS0: 28 h) ECS0 Deprinis 1 > 5000 mg/ (LCS0: 28 h) ECS0 Deprinis 1 > 5000 mg/ (LCS0: 26 h) </td <td>Triethyleneglycol Monoethyl Ether (112-50-5)</td> <td></td>	Triethyleneglycol Monoethyl Ether (112-50-5)	
Trieshylane Glycol Monobulyl Ether (143-22-0) 2200 mg/l (LSS): 96 h) LSS0 fina / 2000 mg/l (LSS): 96 h) ESS0 Daphnia 2 > 500 mg/l (ESS): 72 h) S6,312-Tetracohavadecan-1-ol (1559-34-8) > 5000 mg/l (ESS): 26 h) ESS0 Daphnia 1 > 1000 mg/l (ESS): 26 h) ESS0 Daphnia 1 > 10000 mg/l (ESS): 26 h) ESS0 Daphnia 1 > 10000 mg/l (ESS): 26 h) Polyethylene Glycol 200-600 (2532-68-3) LSS0 fina 1 LSS0 fina 1 > 50000 mg/l (ESS): 26 h) CSS0 Taphnia 1 > 50000 mg/l (ESS): 26 h) CSS0 Taphnia 2 > 5000 mg/l (ESS): 26 h) CSS0 Daphnia 2 > 5000 mg/l (ESS): 26 h) CSS0 Daphnia 2 > 5000 mg/l (ESS): 26 h) CSS0 Taphnia 2 > 5000 mg/l (ESS): 26 h) CSS0 Taphnia 2 > 5000 mg/l (ESS): 26 h) CSS0 Taphnia 2 > 5000 mg/l (ESS): 26 h) CSS0 Taphnia 2 > 5000 mg/l (ESS): 26 h) CSS0 Taphnia 2 > 5000 mg/l (ESS): 26 h) CSS0 Taphnia 2 > 5000 mg/l (ESS): 26 h) CSS0 Taphnia 4 > 5000 mg/l (ESS): 26 h) CSS0 Taphnia 4 > 5000 mg/l (ESS): 26 h) CSS0 Tap	LC50 fish 1	> 10000 mg/l (LC50; 96 h)
LCS0 finh200 mg/l (CS0: 96 h)CS0 Daphina 2> 500 mg/l (CS0: 72 h)3.6.9.12 Totraxoahoxadocane-1-ol (1559-48)LCS0 finh 1> 1000 mg/l (CS0: 96 h)CS0 Daphina 1> 1000 mg/l (CS0: 96 h)CS0 Daphina 1> 1000 mg/l (CS0: 96 h)CS0 Ibina 1> 5000 mg/l (CS0: 72 h)2(240xyethoxy) Ethanol (112-34-5)CS0 Ibina 1> 5000 mg/l (CS0: CDC D20: Daphina 59, Acute Immobilisation Test: 48 h; Daphina magna; Sate system; Fresh water: Experimental value)CS0 Ibina 1> 5000 mg/l (CS0: CDC D20: Daphina 59, Acute Immobilisation Test: 48 h; Daphina magna; Sate system; Fresh water: Experimental value)Dethylene Glycol (11-46-6)> 5000 mg/l (CS0: 20 h)CS0 Ibina 1> 5000 mg/l (CS0: 20 h)CS0 Ibina 1> 5000 mg/l (CS0: 20 h)Dethylene Glycol Monomethy Ether (111-77)LCS0 Ibina 1> 500 mg/l (CS0: 20 h)CS0 Ibina 1> 10000 mg/l (CS0: 20 h)CS0 Ibina 1	EC50 Daphnia 1	> 10000 mg/l (LC50; 48 h)
LCS0 finh200 mg/l (CS0: 96 h)CS0 Daphina 2> 500 mg/l (CS0: 72 h)3.6.9.12 Totraxoahoxadocane-1-ol (1559-48)LCS0 finh 1> 1000 mg/l (CS0: 96 h)CS0 Daphina 1> 1000 mg/l (CS0: 96 h)CS0 Daphina 1> 1000 mg/l (CS0: 96 h)CS0 Ibina 1> 5000 mg/l (CS0: 72 h)2(240xyethoxy) Ethanol (112-34-5)CS0 Ibina 1> 5000 mg/l (CS0: CDC D20: Daphina 59, Acute Immobilisation Test: 48 h; Daphina magna; Sate system; Fresh water: Experimental value)CS0 Ibina 1> 5000 mg/l (CS0: CDC D20: Daphina 59, Acute Immobilisation Test: 48 h; Daphina magna; Sate system; Fresh water: Experimental value)Dethylene Glycol (11-46-6)> 5000 mg/l (CS0: 20 h)CS0 Ibina 1> 5000 mg/l (CS0: 20 h)CS0 Ibina 1> 5000 mg/l (CS0: 20 h)Dethylene Glycol Monomethy Ether (111-77)LCS0 Ibina 1> 500 mg/l (CS0: 20 h)CS0 Ibina 1> 10000 mg/l (CS0: 20 h)CS0 Ibina 1	Triethylene Glycol Monobutyl Ether (143-22-6	
EC60 Daphina 2 > 500 mg/l (EC60: 48 h) Threshold limit algae 1 > 500 mg/l (EC60: 72 h) 3.6.9.12-Tetroxankazdecane-1-ol (1559-34-8) > 1000 mg/l (EC50: 96 h) EC60 Daphina 1 > 1000 mg/l (EC50: 96 h) EC60 Daphina 1 > 1000 mg/l (EC50: 96 h) Polyethylene Glycol 200-600 (2532-68-3) > 5000 mg/l (EC50: 96 h) EC60 Daphina 1 > 1000 mg/l (EC50: 92 h) ZC42butoxyltoxylto Ethanol (112-34-5) > 5000 mg/l (EC50: 92 h) ZC42butoxyltoxylto Ethanol (112-34-5) - 1000 mg/l (EC50: 92 h) ZC42butoxyltoxylto Ethanol (112-34-5) - 1000 mg/l (EC50: 92 h) ZC50 Daphina 2 > 1000 mg/l (EC50: 92 h) ZC50 Daphina 2 > 1000 mg/l (EC50: 92 h) ZC50 Daphina 2 > 1000 mg/l (EC50: 92 h) ZC50 Daphina 1 > 9 5000 gpm (EC50: 92 h) ZC50 Daphina 1 > 9 0000 mg/l (EC50: 92 h) Diethylene Glycol Monomethyl Ether (111-73-0) ZC50 Daphina 1 ZC50 Daphina 1 > 9 0000 mg/l (EC50: 92 h) Diethylene Glycol Monomethyl Ether (111-90-0) ZC50 mg/l (EC50: 92 h) ZC50 Daphina 1 > 9 0000 mg/l (EC50: 92 h) ZC50 Daphina 1 > 1000 mg/l (EC50: 92 h) ZC50 Daphina 1 10000 mg/l (EC50:		
Threshol Imit algae 1 > 500 mg/l (ECS0; 72 h) 3.6.9,12-Totraxokakadacan-1-0l (1559-48) - LCS0 find 1 > 1400 mg/l (LCS0; 96 h) ECG0 Daphnia 1 > 1000 mg/l (ECS0; 72 h) Threshold Imit algae 1 > 5000 mg/l (ECS0; 72 h) CLS0 find 1 > 5000 mg/l (ECS0; 72 h) Z424tuxyethoxyl Ethanol (112-34-5) - Z426tuxyethoxyl Ethanol (112-34-5) - Z426tuxyethoxyl Ethanol (112-34-5) - CS00 haphnia 2 5000 mg/l (CS0; 720 h) Z424tuxyethoxyl Ethanol (112-34-5) - CS00 haphnia 2 5000 mg/l (CS0; 720 h) Z426tuxyethoxyl Ethanol (112-34-5) - CS00 haphnia 2 > 5000 mg/l (CS0; 72 h) Diethylene Glycol (111-46-6) - CS00 haphnia 1 > 5000 mg/l (CS0; 72 h) Diethylene Glycol Monomethyl Ether (111-77-7) - CS00 haphnia 1 > 5000 mg/l (CS0; 72 h) Diethylene Glycol Monomethyl Ether (112-80-7) - CS00 haphnia 1 > 5000 mg/l (CS0; 72 h) Diethylene Glycol Monomethyl Ether (102-50-7) - Diethylene Glycol Monomethyl Ether (102-50-7) - <td>EC50 Daphnia 2</td> <td></td>	EC50 Daphnia 2	
LCS0 fish 1 > 1408 mg/l (LCS0; 96 h) EG50 Daphnia 1 > 1000 mg/l (LCS0; 86 h) Tirreshold limit algae 1 > 5000 mg/l (LCS0; 96 h) EOS fish 2 > 5000 mg/l (LCS0; 92 h) LCS0 fish 2 > 5000 mg/l (LCS0; 92 h) ZCB Maty 2 5000 mg/l (LCS0; 02 CD 203: Fish, Acute Toxicity Test; 96 h; Lepomis macrochirus; Static system; Fresh water: Experimental value) ZCS0 fish 1 1000 mg/l (LCS0; 02 CD 203: Fish, Acute Toxicity Test; 96 h; Lepomis macrochirus; Static system; Fresh water: Experimental value) Distrytene Glycol (111-46-6) > 5000 mg/l (LCS0; 24 h) LCS0 fish 1 > 5000 mg/l (LCS0; 24 h) Distrytene Glycol (111-46-6) > 5000 mg/l (LCS0; 24 h) LCS0 fish 1 10000 mg/l (LCS0; 96 h) ECS0 Daphnia 1 > 5000 mg/l (LCS0; 96 h) ECS0 Daphnia 1 10000 mg/l (LCS0; 96 h; Salmo gardneri) LCS0 fish 1 12900 mg/l (LCS0; 96 h; Salmo gardneri) ECS0 Daphnia 1 3400 mg/l (LCS0; 96 h; Salmo gardneri) ECS0 Daphnia 1 12900 mg/l (LCS0; 96 h; Salmo gardneri) ECS0 Daphnia 1 3400 mg/l (LCS0; 96 h; Salmo gardneri) ECS0 Daphnia 1 12900 mg/l (LCS0; 96 h; Salmo gardneri) ECS0 Daphnia 1 10000 mg/l (LCS0; 96 h; Salmo gardneri)		> 500 mg/l (EC50; 72 h)
LCS0 fish 1 > 1408 mg/l (LCS0; 96 h) EG50 Daphnia 1 > 1000 mg/l (LCS0; 86 h) Tirreshold limit algae 1 > 5000 mg/l (LCS0; 96 h) EOS fish 2 > 5000 mg/l (LCS0; 92 h) LCS0 fish 2 > 5000 mg/l (LCS0; 92 h) ZCB Maty 2 5000 mg/l (LCS0; 02 CD 203: Fish, Acute Toxicity Test; 96 h; Lepomis macrochirus; Static system; Fresh water: Experimental value) ZCS0 fish 1 1000 mg/l (LCS0; 02 CD 203: Fish, Acute Toxicity Test; 96 h; Lepomis macrochirus; Static system; Fresh water: Experimental value) Distrytene Glycol (111-46-6) > 5000 mg/l (LCS0; 24 h) LCS0 fish 1 > 5000 mg/l (LCS0; 24 h) Distrytene Glycol (111-46-6) > 5000 mg/l (LCS0; 24 h) LCS0 fish 1 10000 mg/l (LCS0; 96 h) ECS0 Daphnia 1 > 5000 mg/l (LCS0; 96 h) ECS0 Daphnia 1 10000 mg/l (LCS0; 96 h; Salmo gardneri) LCS0 fish 1 12900 mg/l (LCS0; 96 h; Salmo gardneri) ECS0 Daphnia 1 3400 mg/l (LCS0; 96 h; Salmo gardneri) ECS0 Daphnia 1 12900 mg/l (LCS0; 96 h; Salmo gardneri) ECS0 Daphnia 1 3400 mg/l (LCS0; 96 h; Salmo gardneri) ECS0 Daphnia 1 12900 mg/l (LCS0; 96 h; Salmo gardneri) ECS0 Daphnia 1 10000 mg/l (LCS0; 96 h; Salmo gardneri)	3.6.9.12-Tetraoxabexadecane-1-ol (1559-34-8)	
ECS0 Daphnia 1> 1000 mg/l (ECS0; 48 h)Preshold limit digae 1> 1000 mg/l (ECS0; 98 h)Detshylene Giycol 200-600 (25322-68-3)UCS0 lifs 2LCS0 lifs 2> 5000 mg/l (ECS0; 72 h)Preshold limit digae 25000 mg/l (ECS0; 72 h)2(2-Bucryethoxy) Ethanol (112-34-5)1300 mg/l (ECS0; CECD 203: Fish, Acute Toxicity Test; 96 h; Leponis macrochirus; Static system; Fresh water; Experimental value)ECS0 Daphnia 2> 100 mg/l (ECS0; CECD 202: Daphnia sp, Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)Diethylene Glycol (11-46-9)UCS0; 24 h)ECS0 Daphnia 1> 5000 pg/l (ECS0; 24 h)Dethylene Glycol Monomethyl Ether (111-77)LCS0 lish 1> 5000 mg/l (ECS0; 72 h)Dethylene Glycol Monomethyl Ether (111-73)LCS0 lish 1> 5000 mg/l (ECS0; 72 h)Dethylene Glycol Monomethyl Ether (111-74)LCS0 lish 1> 1000 mg/l (LCS0; 96 h)ECS0 Daphnia 1> 5000 mg/l (ECS0; 72 h)Dethylene Glycol Monomethyl Ether (112-782-7424)LCS0 lish 1> 1000 mg/l (LCS0; 96 h; Salmo gairdneri)ECS0 Daphnia 1> 3000 mg/l (LCS0; 96 h; Salmo gairdneri)ECS0 Daphnia 1> 1000 mg/l (LCS0; 96 h; Salmo gairdneri)ECS0 Daphnia 1> 10000 mg/l (LCS0; 96 h; Salmo gairdneri)ECS0 Daphnia 1> 10000 mg/l (LCS0; 96 h; Salmo gairdneri)ECS0 Daphnia 1> 10000 mg/l (LCS0; 96 h; Salmo gairdneri)ECS0 Daphnia 1> 10000 mg/l (LCS0; 96 h; Salmo gairdneri)ECS0 Daphnia 1> 10000 mg/l (LCS0; 96 h; Salmo gairdneri)ECS0 Daphnia 1> 100		> 1409 ma/l (l C50: 96 h)
Threshold limit algae 1 > 1000 mg/l (EC50; 96 h) Polystylene Glycol 200-600 (25322-68-) S 5000 mg/l (LC50; 24 h) C50 fish 2 S 5000 mg/l (LC50; 720 h) 2(2-Butoxyethoxy) Ethanol (112-34-) I 300 mg/l (LC50; 0ECD 203; Fish, Acute Toxicity Test; 96 h; Lepomis macrochirus; Static system; Fisesh water; Experimental value) EC50 Daphnia 2 I 000 mg/l (LC50; 0ECD 202; Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fisesh water; Experimental value) Diethylene Glycol (111-66-) I 000 mg/l (LC50; 24 h) CS00 Daphnia 1 > 5000 pm/l (LS50; 24 h) CS01 Daphnia 1 > 5000 mg/l (CS0; 24 h) CS01 Daphnia 1 > 5000 mg/l (CS0; 24 h) CS01 Daphnia 1 > 5000 mg/l (CS0; 72 h) Diethylene Glycol Monomethyl Ether (111-77-J LC50 fish 1 CS01 Daphnia 1 1000 mg/l (LC50; 96 h). Satimo gairdnerii) CS01 Daphnia 1 1000 mg/l (LC50; 96 h). Satimo gairdnerii) CS01 Daphnia 1 3940 mg/l (LC50; 96 h). Satimo gairdnerii) CS01 fish 1 2 10000 mg/l (LC50; 96 h). Satimo gairdnerii) CS01 fish 1 > 10000 mg/l (LC50; 96 h). Satimo gairdnerii) CS01 fish 1 2 1000 mg/l (LC50; 96 h). Satimo gairdnerii) CS01 fish 1 > 10000 mg/		
Polyethylene Glycol 200-600 (25322-68-3) LC50 fish 1 > 5000 mg/l (LC50; 24 h) Threshold limit algae 2 500 mg/l (LC50; 20 h) 2(2-Butcryethoxy) Ethanol (112-34-5) 1300 mg/l (LC50; OECD 202; Deprina go, Acute Immobilisation Test; 48 h; Deprina macrochirus; Static system; Fresh water, Experimental value) EC50 Daphnia 2 > 100 mg/l (LC50; OECD 202; Deprina go, Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water, Experimental value) Diethylene Glycol (11-46-6) LC50 fish 1 > 5000 pgm (LC50; 24 h) EC50 Daphnia 1 > 5000 ng/l (EC50; 24 h) Diethylene Glycol Monomethyl Ether (111-77-3) LC50 fish 1 10000 mg/l (LC50; 96 h) EC50 Daphnia 1 > 500 mg/l (EC50; 72 h) Diethylene Glycol Monomethyl Ether (111-90-U EC50 Daphnia 1 > 5000 mg/l (EC50; 72 h) Diethylene Glycol Monomethyl Ether (2778-42-8) EC50 Daphnia 1 > 10000 mg/l (LC50; 06 h; Salmo gairdneri) LC50 fish 1 1 2900 mg/l (LC50; 05 CD 203; Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxirano; 24 deby, Polymer with Oxirane, 30-0000 mg/l (LC50; 05 CD 203; Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Distrytene Glycol Monomethyl Ether (2778-42-8) EC50 Daphnia 1 > 10000 mg/l (LC50; 05 CD 203; Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Dixtray, 24 debyt, Polymer with Oxiran	•	
LCS6 fish 2 > 5000 mg/l (LCS0; 24 h) Threshold limit algae 2 5000 mg/l (LCS0; 22 h) 242Butozyethoxy) Ethanol (112-34-5) LCS0 fish 1 LCS0 fish 1 1300 mg/l (LCS0; CECD 202: Fish, Acute Toxicity Test; 96 h; Leponis macrochirus; Static system; Frseh water; Experimental value) EC50 Daphnia 2 > 100 mg/l (LCS0; CECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia megna; Static system; Frseh water; Experimental value) Diethylene Glycol (111-46-6) LCS0; CECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia megna; Static system; Frseh water; Experimental value) Diethylene Glycol Monomethyl Ether (111-77-3) LCS0; Gish 1 > 5000 mg/l (LCS0; 24 h) LCS0 Daphnia 1 > 5000 mg/l (LCS0; 72 h) Diethylene Glycol Monomethyl Ether (111-90-0) LCS0 fish 1 1000 mg/l (LCS0; 96 h; Selmo gairdneri) ECS0 Daphnia 1 LCS0 fish 1 12900 mg/l (LCS0; 96 h; Selmo gairdneri) ECS0 Daphnia 1 LCS0 fish 1 12900 mg/l (LCS0; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Diethylene Glycol Monomethyl Ether (2783-24-8) LCS0 fish 1 12900 mg/l (LCS0; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Diethylene Glycol Monomethyl Ether (103-95 Not established. Teratehylene Glycol Monomethyl Ether (103-95-9) LCS0 fish 1 12900 mg/l (LCS0; OECD 203: Fish, Acute		
Threshold limit algae 2 500 mg/l (EC0; 720 h) 242Euoxyethoxy) Ethanol (112-34-5) 1300 mg/l (LC50; OECD 20: Fish, Acute Toxicity Test; 96 h; Lepomis macrochirus; Static system; Fresh water; Experimental value) EG0 Daphnia 2 > 100 mg/l (EC0; 24 h) Diathylane Giycol (111-46-6) LC50; 06 h) LC50 fish 1 > 5000 mg/l (EC0; 24 h) Diathylane Giycol Monomethyl Ether (111-77-3) Intershold limit algae 1 LC50 fish 1 > 5000 mg/l (EC50; 24 h) Diathylane Giycol Monomethyl Ether (111-77-3) Intershold limit algae 1 LC50 fish 1 1000 mg/l (LC50; 06 h) EC60 Daphnia 1 > 500 mg/l (EC50; 72 h) Diathylane Giycol Monomethyl Ether (111-90-0) Intershold limit algae 1 LC50 fish 1 12900 mg/l (LC50; 06 h; Salmo gairdneri) LC50 fish 1 12900 mg/l (LC50; 06 h; Salmo gairdneri) LC50 fish 1 12900 mg/l (LC50; 0ECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxirane, 2-Methyl- Polymer with Oxirane, Monobutyl Ether (1038-95-3) LC50 fish 1 > 100000 mg/l (LC50; 0ECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxirane, 2-Methyl- Polymer with Oxirane, Monobutyl Ether (1038-95-3) LC50 other aquatic organisms 1 > 10000 mg/l (LC50; 0ECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxirane, 2-Methyl- Polymer with Oxirane, Monobutyl Ether (1038-95-3) LC50 other aquatic organisms		> 5000 mp/l /l (550: 24 h)
24:28:utoxyetivoxyl Ethanol (112-34-5) LGS0 fish 1 1300 mg/l (LGS0; OECD 202: Fish, Acute Toxicity Test; 96 h; Lepomis macrochirus; Static system; Fresh vater: Experimental value) ECS0 Daphnia 2 > 100 mg/l (ECS0; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh vater; Experimental value) Diethylene Glycol (111-46-6) LGS0 Ish 1 > 5000 ppm (LCS0; 24 h) Diethylene Glycol Monomethyl Ether (111-77-3) LGS0 Ish 1 > 5000 mg/l (ECS0; 24 h) Diethylene Glycol Monomethyl Ether (111-90-0) LGS0 Ish 1 > 5000 mg/l (ECS0; 72 h) Diethylene Glycol Monomethyl Ether (111-90-0) LGS0 Ish 1 12900 mg/l (LCS0; 96 h; Salmo gairdneri) CGS0 Daphnia 1 3940 mg/l (ECS0; 24 h) Diethylene Glycol Monomethyl Ether (23783-42-8) LGS0 ish 1 > 10000 mg/l (G S0; CS0 Obgr/mia 1 > 10000 mg/l (G Bh) Z2. Persistence and degradability JOS100 mg/l (G S0; > 10000 mg/l (G Bh) Z2. Persistence and degradability JOHNENEY PREMIUM DOT 3 BRAKE FLUID 12 FL.OZ. Persistence and degradability Inherently biodegradable. Non degrada		• • •
LC50 fish 1 1300 mg/l (LC50; CECD 203: Fish, Acute Toxicity Test; 96 h; Lepomis macrochirus; Static system; Fresh water; Experimential value) EC50 Daphnia 2 > 100 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimential value) Diethylene Glycol (111-46-6) LC50 fish 1 > 5000 pm (LC50; 24 h) EC50 Daphnia 1 > 5000 mg/l (EC50; 24 h) Diethylene Glycol Monomethyl Ether (111-77-3) LC50 fish 1 1000 mg/l (LC50; 96 h) EC50 Daphnia 1 > 5000 mg/l (EC50; 22 h) Diethylene Glycol Monomethyl Ether (111-90-0) LC50 fish 1 12900 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Daphnia 1 3940 mg/l (EC50; 48 h) Tetraethylene Glycol Monomethyl Ether (23783-42-8) LC50 fish 1 12900 mg/l (EC50; 72 h) Diethylene Glycol Monomethyl Ether (23783-42-8) LC50 fish 1 > 10000 mg/l (EC50; 0ECD 203; Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxirane, 2Methyl, Polymer with Oxirane Monobulyl Ether (9038-95-3) LC50 fish 1 > 10000 mg/l (EC50; 0ECD 203; Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Diresidence and degradability Not established. Tethylene Glycol Monomethyl Ether	č	500 mg/ (EC0, 720 m)
system; Freeh water; Experimental value) EC60 Daphnia 2 > 100 org/ (C50; C5CD 202, D20, Paphnia 9, Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value) Diethylene Glycol (111-46-6) > 5000 org/ (C50; 24 h) L50 fish 1 > 5000 org/ (C50; 24 h) Diethylene Glycol Monomethyl Ether (111-77- L50 fish 1 > 000 org/ (C50; 96 h) L50 fish 1 > 500 org/ (C50; 72 h) Diethylene Glycol Monomethyl Ether (111-90- Diethylenglycomonethyl Ether (111-90- Station 200 org/ (LC50; 96 h) Salton 200 org/ (LC50; 96 h) Diethylenglycolmonethyl Ether (111-90- Diethylenglycolmonethyl Ether (111-90- Diethylenglycolmonethyl Ether (111-90- Diethylenglycolmonethyl Ether (111-90- Diethylenglycolmonethyl Ether (111-90- Diethylenglycolmonethyl Ether (111-90- Diethylenglycol Monomethyl Ether (2178-34-24-3) LC50 fish 1 1 2000 org/ (LC50; OECD 203; Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxirane 2-Methyl- Polymer with Oxirane Workut Ether (903-95-3) LC50 ofter augute organisms 1 LC50 ofter augute organisms 1 > 10000 org/ (LC50; OECD 203; Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Diethyleng Glycol Monomethyl Ether (112-50- Persistence and degradability Not established. Tiethyleng Glycol Monoethyl Ether (112-50- Persistence and degradability Readily biodegradabie in water. Tiethyleng Glycol Monoethyl Ether (142-50- Persistence a		
Static system; Fresh water; Experimental value) Diethylene Glycol (111-46-6) LC50 fish 1 > 5000 ppm (LC50; 24 h) Diethylene Glycol Monomethyl Ether (111-77-3) LC50 fish 1 1000 mg/ (LC50; 24 h) Diethylene Glycol Monomethyl Ether (111-77-3) LC50 fish 1 1000 mg/ (LC50; 26 h) EC50 Daphnia 1 > 500 mg/ (LC50; 72 h) Diethyleneglycolmonoethyl Ether (111-90-0) LC50 fish 1 LC50 fish 1 12900 mg/ (LC50; 96 h; Salmo gairdneri) LC50 dish 1 12900 mg/ (LC50; 06 CD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxinane, 2-Methyl- Rolymer with Oxinane, Monogair (LC50; 06 CD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxinane, 2-Methyl- Rolymer with Oxinane, Monogair (LC50; 06 CD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxinane, 2-Methyl- Rolymer with Oxinane, Monogair (LC50; 06 CD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxinane, 2-Methyl- Rolymer with Oxinane, Monogair (BC6 h) 2.2. Persistence and degradability Mote stabilished. Triethylene Glycol Monomethyl Ether (112-35- Persistence and degradability Not established. Triethylene Glycol Monomethyl Ether (143-22-5) Persistence and degradabilit		system; Fresh water; Experimental value)
LCS0 filsh 1> 5000 ppm (LCS0; 24 h)BCS0 Daphnia 1> 10000 mg/ (ECS0; 24 h)Diethylene Gigcol Monomethyl Ether (111-77-3)LCS0 filsh 11000 mg/l (LCS0; 96 h)ECS0 Daphnia 1> 5000 mg/l (ECS0; 72 h)Diethylene Gigcol Monomethyl Ether (111-90-0)LCS0 filsh 112000 mg/l (LCS0; 96 h; Salmo gairdneri)ECS0 Daphnia 13940 mg/l (LCS0; 96 h; Salmo gairdneri)ECS0 Daphnia 112000 mg/l (LCS0; 96 h; Salmo gairdneri)ECS0 filsh 112000 mg/l (LCS0; 96 h; Salmo gairdneri)ECS0 filsh 112000 mg/l (LCS0; 96 h; Salmo gairdneri)ECS0 filsh 1> 10000 mg/l (LCS0; 96 h; Salmo gairdneri)LCS0 filsh 1> 10000 mg/l (LCS0; 96 h; Salmo gairdneri)LCS0 filsh 1> 10000 mg/l (LCS0; 96 h; Salmo gairdneri)LCS0 direh aquatic organisms 1> 10000 mg/l (LCS0; 96 h; Salmo gairdneri)LCS0 direh aquatic organisms 1> 10000 mg/l (GB h)2.2. Persistence and degradabilityNot established.Triethylen Gigcol Monomethyl Ether (112-35-Persistence and degradabilityInherently biodegradable. Non degradable in the soil. Photodegradablor in the air. Not established.Triethylen Gigcol Monomethyl Ether (112-35-5)Persistence and degradabilityReadily biodegradable in water.Triethylen Gigcol Monomethyl Ether (113-32-42-60)Persistence and degradabilityReadily biodegradable in water.Triethylen Gigcol Monomethyl Ether (113-32-72-72)Persistence and degradabilityNot readily biodegradable in water.Triethylen Gigcol Monobutyl Ether (113-23-72-72)Persistence an	EC50 Daphnia 2	
EC50 Daphnia 1 > 10000 mg/l (EC50; 24 h) Diethylene Glycol Monomethyl Ether (111-77-3) LC50 fish 1 1000 mg/l (LC50; 96 h) EC50 Daphnia 1 > 500 mg/l (EC50; 72 h) Diethylene Glycol Monomethyl Ether (111-90-0) UC50; 96 h; Salmo gairdneri) EC50 Daphnia 1 12900 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Daphnia 1 12900 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Taphnia 1 12900 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Taphnia 1 12900 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Taphnia 1 12900 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Taphnia 1 10000 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Taphnia 1 10000 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Taphnia 1 10000 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Taphnia 1 10000 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Taphnia 1 10000 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Taphnia 1 10000 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Taphnia 1 10000 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Taphnia 1 10000 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Taphnia 1 10000 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Taphnia 1 100000 mg/l (L50; 96 h; Salmo gairdabir	Diethylene Glycol (111-46-6)	
Diethylene Glycol Monomethyl Ether (111-77-3) LC50 fish 1 1000 mg/l (LC50; 96 h) EC50 Daphnia 1 > 5000 mg/l (EC50; 48 h) Threshold limit algae 1 > 5000 mg/l (EC50; 72 h) Diethyleneglycolmonoethyl Ether (111-90-0) LC50 fish 1 LC50 fish 1 2900 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Daphnia 1 3940 mg/l (LC50; 06 h; Salmo gairdneri) EC50 Taphnia 1 3940 mg/l (LC50; 0ECD 203; Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxirane, 2-Methyl-, Polymer with Oxirane, Morbutyl Ether (9038-95-3) LC50 offer aquatic organisms 1 LC50 other aquatic organisms 1 > 10000 mg/l (96 h) 12.2. Persistence and degradability Not established. Triethylene Glycol Monomethyl Ether (112-35-6) Persistence and degradability Not established. Triethylene Glycol Monomethyl Ether (112-35-6) Persistence and degradability Readily biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethylene Glycol Monomethyl Ether (112-35-6) Inherently biodegradable in water. Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monomethyl Ether (112-35-6) Persistence and degradability P	LC50 fish 1	> 5000 ppm (LC50; 24 h)
LC50 fish 1 1000 mg/l (LC50; 96 h) ECS0 Daphnia 1 > 500 mg/l (EC50; 48 h) Threshold limit algae 1 > 500 mg/l (EC50; 72 h) Diethyleneglycolmoneethyl Ether (111-90-0) LC50 fish 1 LC50 fish 1 12900 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Daphnia 1 3940 mg/l (EC50; 72 h) Diethyleneglycolmoneethyl Ether (23783-42:8) LC50 fish 1 LC50 fish 1 > 10000 mg/l (LC50; 0ECD 203; Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxirane, 2-Methyl-, Polymer with Oxirane, Monobutyl Ether (9038-95-3) LC50 other aquatic organisms 1 LC50 fish 1 > 10000 mg/l (96 h) 12.2. Persistence and degradability JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 12 FL.OZ. Persistence and degradability Not established. Triethylene Glycol Monoethyl Ether (112-35-6) Persistence and degradability Readily biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethylene Glycol Monoethyl Ether (143-22-6) Persistence and degradability Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-23-6) Persistence and degradability Persistence and degradability Not readily biodegradable in water.	EC50 Daphnia 1	> 10000 mg/l (EC50; 24 h)
EC50 Daphnia 1 > 500 mg/l (EC50; 48 h) Threshold limit algae 1 > 500 mg/l (EC50; 72 h) Diethyleneglycolmoneethyl Ether (111-90-0) (EC50; 96 h; Salmo gairdneri) EC50 Daphnia 1 3940 mg/l (EC50; 96 h; Salmo gairdneri) EC50 Text System Salvo mg/l (EC50; 96 h; Salmo gairdneri) EC50 Text System Salvo mg/l (EC50; 96 h; Salmo gairdneri) EC50 Text System Salvo mg/l (EC50; 96 h; Salmo gairdneri) EC50 Text System Salvo mg/l (EC50; 96 h; Salmo gairdneri) EC50 Text System Salvo mg/l (EC50; 96 h; Salmo gairdneri) EC50 Text System Salvo mg/l (EC50; 96 h; Salmo gairdneri) EC50 Text System Salvo mg/l (EC50; 96 h; Salmo gairdneri) Distrate System Salvo mg/l (EC50; 96 h; Salmo gairdneri) Distrate System Salvo mg/l (EC50; 96 h; Salmo gairdneri) Distrate System Salvo mg/l (EC50; 96 h; Salmo gairdneri) Distrate System Salvo mg/l (EC50; 96 h; Salmo gairdneri) Distrate System Salvo mg/l (EC50; 96 h; Salmo gairdneri) Distrate System Salvo mg/l (EC50; 96 h; Salmo gairdneri) Distrate System Interstite System JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 12 FL.OZ. Persistence and degradability Persistence	Diethylene Glycol Monomethyl Ether (111-77-	3)
Threshold limit algae 1 > 500 mg/l (EC50; 72 h) Diethyleneglycolmonoethyl Ether (111-90-0) LC50 fish 1 12900 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Daphnia 1 3940 mg/l (EC50; 48 h) Tetraethylene Glycol Monomethyl Ether (2378-42-8) LC50 fish 1 > 10000 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxirane, 2-Methyl-, Polymer with Oxirane, Morobutyl Ether (9038-95-3) LC50 other aquatic organisms 1 > 10000 mg/l (96 h) 12.2 Persistence and degradability Not established. Persistence and degradability Not established. Triethylene Glycol Monomethyl Ether (112-35-) Persistence and degradability Persistence and degradability Inherently biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethylene Glycol Monomethyl Ether (112-35-) Persistence and degradability Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-5) Persistence and degradability Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-5) Persistence and degradability Persistence and degradability Not readily biodegradable in wa	LC50 fish 1	1000 mg/l (LC50; 96 h)
Threshold limit algae 1 > 500 mg/l (EC50; 72 h) Diethyleneglycolmonoethyl Ether (111-90-0) LC50 fish 1 12900 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Daphnia 1 3940 mg/l (EC50; 48 h) Tetraethylene Glycol Monomethyl Ether (2378-42-8) LC50 fish 1 > 10000 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxirane, 2-Methyl-, Polymer with Oxirane, Morobutyl Ether (9038-95-3) LC50 other aquatic organisms 1 > 10000 mg/l (96 h) 12.2 Persistence and degradability Not established. Persistence and degradability Not established. Triethylene Glycol Monomethyl Ether (112-35-) Persistence and degradability Persistence and degradability Inherently biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethylene Glycol Monomethyl Ether (112-35-) Persistence and degradability Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-5) Persistence and degradability Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-5) Persistence and degradability Persistence and degradability Not readily biodegradable in wa	EC50 Daphnia 1	> 500 mg/l (EC50; 48 h)
LC50 fish 1 12900 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Daphnia 1 3940 mg/l (EC50; 48 h) Tetraethylene Glycol Monomethyl Ether (23783-42-8) LC50 fish 1 > 10000 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxirane, 2-Methyl-, Polymer with Oxirane, Monobutyl Ether (938-95-3) LC50 other aquatic organisms 1 > 10000 mg/l (96 h) 12.2. Persistence and degradability JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 12 FL.OZ. Persistence and degradability Not established. Triethylene Glycol Monomethyl Ether (112-35-6) Persistence and degradability Inherently biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethylene Glycol Monobethyl Ether (112-50-5) Persistence and degradability Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-6) Persistence and degradability Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (BOD) 0.02 g 0_2 /g substance 3.6,9,12-Tetraoxahexadecane1-01 (1559-34-8) Persistence and degradability Persistence and degradability Not readily biodegradable in water. Inherently biodegradable.	Threshold limit algae 1	> 500 mg/l (EC50; 72 h)
LC50 fish 1 12900 mg/l (LC50; 96 h; Salmo gairdneri) EC50 Daphnia 1 3940 mg/l (EC50; 48 h) Tetraethylene Glycol Monomethyl Ether (23783-42-8) LC50 fish 1 > 10000 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxirane, 2-Methyl-, Polymer with Oxirane, Monobutyl Ether (938-95-3) LC50 other aquatic organisms 1 > 10000 mg/l (96 h) 12.2. Persistence and degradability JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 12 FL.OZ. Persistence and degradability Not established. Triethylene Glycol Monomethyl Ether (112-35-6) Persistence and degradability Inherently biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethylene Glycol Monobethyl Ether (112-50-5) Persistence and degradability Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-6) Persistence and degradability Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (BOD) 0.02 g 0_2 /g substance 3.6,9,12-Tetraoxahexadecane1-01 (1559-34-8) Persistence and degradability Persistence and degradability Not readily biodegradable in water. Inherently biodegradable.	Diethylenealycolmonoethyl Ether (111-90-0)	
EC50 Daphnia 1 3940 mg/l (EC50; 48 h) Tetraethylene Glycol Monomethyl Ether (23783-42-8) LC50 tifsh 1 > 10000 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxirane, 2-Methyl-, Polymer with Oxirane, Moutel Ether (9038-95-3) LC50 other aquatic organisms 1 > 10000 mg/l (96 h) 12.2. Persistence and degradability JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 12 FL-OZ. Persistence and degradability Not established. Triethylene Glycol Monomethyl Ether (112-35-5) Persistence and degradability Inherently biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethylene Glycol Monoethyl Ether (112-50-5) Persistence and degradability Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (112-35-5) Persistence and degradability Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (113-226-7) Persistence and degradability Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (BOD) 0.02 g O_2 /g substance Chemical oxygen demand (COD) 1.83 g O_2 /g substance ThOD 2.05 g O_2 /g substance		12900 mg/l (I C50: 96 h: Salmo gairdneri)
Tetratethylene Glycol Monomethyl Ether (23783-42-8) LC50 fish 1 > 10000 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxirane, 2-Methyl-, Polymer with Oxirane, Mo-butyl Ether (9038-95-3) LC50 other aquatic organisms 1 > 10000 mg/l (96 h) 12.2 Persistence and degradability JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 12 FL.OZ. Persistence and degradability Not established. Triethylene Glycol Monomethyl Ether (112-35-) Persistence and degradability Inherently biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethylene Glycol Monobutyl Ether (112-35-) Persistence and degradability Readily biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethylene Glycol Monobutyl Ether (112-35-) Persistence and degradability Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (113-22-6) Persistence and degradability Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (BOD) 0.02 g O_2 /g substance Chemical oxygen demand (BOD) 2.05 g O_2 /g substance Persistence and degradability Not readily biodegradable in water. Inherently biodegradable.		
LC50 fish 1 > 10000 mg/l (LC50; OECD 203; Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) Oxirane, 2-Methyl-, Polymer with Oxirane, Monobutyl Ether (9038-95-3) LC50 other aquatic organisms 1 > 10000 mg/l (96 h) 12.2. Persistence and degradability JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 12 FL.OZ. Persistence and degradability Not established. Triethylene Glycol Monoethyl Ether (112-35-6) Persistence and degradability Inherently biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethylene Glycol Monoethyl Ether (112-56-5) Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monoethyl Ether (112-50-5) Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-6) Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (COD) 1.83 g O. /g substance Chemical oxygen demand (COD) 1.83 g O. /g substance Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. ThOD 2.05 g O. /g substance Polyethylene Glycol 200-600 (25322-68-3) Persistence and degradability Persistence and degradability <td>•</td> <td></td>	•	
Oxirane, 2-Methyl-, Polymer with Oxirane, Monobutyl Ether (9038-95-3) LC50 other aquatic organisms 1 > 10000 mg/l (96 h) [2.2. Persistence and degradability JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 12 FL.OZ. Persistence and degradability Not established. Triethylene Glycol Monomethyl Ether (112-35-6) Persistence and degradability Inherently biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethylene Glycol Monoethyl Ether (112-35-6) Persistence and degradability Persistence and degradability Readily biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethylene Glycol Monoethyl Ether (112-35-6) Persistence and degradability Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-6) Persistence and degradability Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (BOD) 0.02 g O_2 /g substance 36,9,12-Tetraoxahexadecane-1-ol (1559-34-8) Persistence and degradability Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. ThOD 2.05 g O_2 /g substance Polyethylene Glycol 200-600 (25322-68-3) Persistence and degradability		
LC50 other aquatic organisms 1 > 10000 mg/l (96 h) 12.2. Persistence and degradability JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 12 FL.OZ. Persistence and degradability Not established. Triethylene Glycol Monomethyl Ether (112-35-5) Persistence and degradability Inherently biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethylene Glycol Monoethyl Ether (112-50-5) Readily biodegradable in water. Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-6) Persistence and degradability Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (BOD) 0.02 g O ₂ /g substance Chemical oxygen demand (COD) 1.83 g O ₂ /g substance 36,9,12-Tetraoxahexadecane-1-0l (1559-34-8) Persistence and degradability Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. ThOD 2.05 g O ₂ /g substance Polythylene Glycol 200-600 (25322-68-3) Persistence and degradability Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. Polythylene Glycol 200-600 (25322-68-3) Persistence and degradability in water: no data available. Not estab		
12.2. Persistence and degradability JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 12 FL.OZ. Persistence and degradability Not established. Triethylene Glycol Monomethyl Ether (112-35-6) Persistence and degradability Inherently biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethylene Glycol Monoethyl Ether (112-50-5) Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-6) Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (BOD) 0.02 g O ₂ /g substance Chemical oxygen demand (COD) 1.83 g O ₂ /g substance 3,6,9,12-Tetraoxahexadecane-1-ol (1559-34-8) Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. ThOD 2.05 g O ₂ /g substance Polyethylene Glycol 200-600 (25322-68-3) Eiodegradability in water: no data available. Not established. 2-2-Butoxyethoxy) Ethanol (112-34-5) Persistence and degradability Persistence and degradability Biodegradability in water: no data available. Not (test)data on mobility of the substance available. Photodegradable in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ /g substance		
JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 12 FL.OZ. Persistence and degradability Not established. Triethylene Glycol Monomethyl Ether (112-35-6) Persistence and degradability Inherently biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethylene Glycol Monoethyl Ether (112-50-5) Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-6) Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-6) Persistence and degradability Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (BOD) 0.02 g O_2 /g substance Chemical oxygen demand (COD) 1.83 g O_2 /g substance Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. ThOD 2.05 g O_2 /g substance Polyethylene Glycol 200-600 (25322-68-3) Persistence and degradability Persistence and degradability Biodegradability in water: no data available. Not established. 2(2-Butoxyethoxy) Ethanol (112-34-5) Persistence and degradability Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradable in	· · · · · · · · · · · · · · · · · · ·	> 10000 mg/l (96 n)
Persistence and degradability Not established. Triethylene Glycol Monomethyl Ether (112-35- Persistence and degradability Inherently biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethylene glycol Monoethyl Ether (112-50-5) Readily biodegradable in water. Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-6) Persistence and degradability Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (BOD) 0.02 g O ₂ /g substance Chemical oxygen demand (COD) 1.83 g O ₂ /g substance Stence and degradability Not readily biodegradable in water. Inherently biodegradable. Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. Stence and degradability Not readily biodegradable in water. Inherently biodegradable. Persistence and degradability Biodegradability in water: no data available. Not established. Persistence and degradability Biodegradability in water: no data available. Not established. Persistence and degradability Biodegradability in water: no data available. Not established. Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. No (test)data on mo	12.2. Persistence and degradability	
Triethylene Glycol Monomethyl Ether (112-35-6) Persistence and degradability Inherently biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethyleneglycol Monoethyl Ether (112-50-5) Persistence and degradability Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-6) Persistence and degradability Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (BOD) 0.02 g O ₂ / g substance Chemical oxygen demand (COD) 1.83 g O ₂ / g substance 36,9,12-Tetraoxahexadecane-1-ol (1559-34-8) Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. ThOD 2.05 g O ₂ / g substance Polyethylene Glycol 200-600 (25322-68-3) Persistence and degradability in water: no data available. Not established. 2(2-Butoxyethoxy) Ethanol (112-34-5) Persistence and degradability Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradable in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ / g substance	JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID	12 FL.OZ.
Persistence and degradability Inherently biodegradable. Non degradable in the soil. Photodegradation in the air. Not established. Triethyleneglycol Monoethyl Ether (112-50-5) Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-6) Persistence and degradability Readily biodegradable in water. Persistence and degradability Readily biodegradable in water. Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (BOD) 0.02 g O ₂ /g substance Ochemical oxygen demand (COD) 1.83 g O ₂ /g substance 3,6,9,12-Tetraoxahexadecane-1-ol (1559-34-8) Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. ThOD 2.05 g O ₂ /g substance 2.05 g O ₂ /g substance Polyethylene Glycol 200-600 (25322-68-3) Persistence and degradability Biodegradability in water: no data available. Not established. 2(2-Butoxyethoxy) Ethanol (112-34-5) Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradation in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ /g substance 0.25 g O ₂ /g substance	Persistence and degradability	Not established.
established. established. Triethyleneglycol Monoethyl Ether (112-50-5) Readily biodegradable in water. Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-6) Persistence and degradability Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (BOD) 0.02 g O ₂ /g substance Chemical oxygen demand (COD) 1.83 g O ₂ /g substance 3,6,9,12-Tetraoxahexadecane-1-ol (1559-34-8) Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. ThOD 2.05 g O ₂ /g substance Polyethylene Glycol 200-600 (25322-68-3) Persistence and degradability Biodegradability in water: no data available. Not established. 2(-2-Butoxyethoxy) Ethanol (112-34-5) Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradable in the soil. No (test)data on mobility of the substance available. Photodegradable in the air.	Triethylene Glycol Monomethyl Ether (112-35-	-6)
Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-6) Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (BOD) 0.02 g O ₂ /g substance Chemical oxygen demand (COD) 1.83 g O ₂ /g substance 3,6,9,12-Tetraoxahexadecane-1-ol (1559-34-8) Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. ThOD 2.05 g O ₂ /g substance Polyethylene Glycol 200-600 (25322-68-3) Biodegradability in water: no data available. Not established. Persistence and degradability Biodegradability in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradation in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ /g substance	Persistence and degradability	
Persistence and degradability Readily biodegradable in water. Triethylene Glycol Monobutyl Ether (143-22-6) Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (BOD) 0.02 g O ₂ /g substance Chemical oxygen demand (COD) 1.83 g O ₂ /g substance 3,6,9,12-Tetraoxahexadecane-1-ol (1559-34-8) Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. ThOD 2.05 g O ₂ /g substance Polyethylene Glycol 200-600 (25322-68-3) Biodegradability in water: no data available. Not established. Persistence and degradability Biodegradability in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradation in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ /g substance	Triethyleneglycol Monoethyl Ether (112-50-5)	
Triethylene Glycol Monobutyl Ether (143-22-6) Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (BOD) 0.02 g O ₂ /g substance Chemical oxygen demand (COD) 1.83 g O ₂ /g substance 3,6,9,12-Tetraoxahexadecane-1-ol (1559-34-8) Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. ThOD 2.05 g O ₂ /g substance Polyethylene Glycol 200-600 (25322-68-3) Persistence and degradability Persistence and degradability Biodegradability in water: no data available. Not established. 2-(2-Butoxyethoxy) Ethanol (112-34-5) Persistence and degradability Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradation in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ /g substance		Readily biodegradable in water.
Persistence and degradability Readily biodegradable in water. Biochemical oxygen demand (BOD) 0.02 g O ₂ /g substance Chemical oxygen demand (COD) 1.83 g O ₂ /g substance 3,6,9,12-Tetraoxahexadecane-1-ol (1559-34-8) Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. ThOD 2.05 g O ₂ /g substance Polyethylene Glycol 200-600 (25322-68-3) Persistence and degradability Persistence and degradability Biodegradability in water: no data available. Not established. 2-(2-Butoxyethoxy) Ethanol (112-34-5) Persistence and degradability Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradation in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ /g substance	č	
Biochemical oxygen demand (BOD) 0.02 g O ₂ /g substance Chemical oxygen demand (COD) 1.83 g O ₂ /g substance 3,6,9,12-Tetraoxahexadecane-1-ol (1559-34-8) Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. ThOD 2.05 g O ₂ /g substance Polyethylene Glycol 200-600 (25322-68-3) Persistence and degradability Biodegradability in water: no data available. Not established. 2-(2-Butoxyethoxy) Ethanol (112-34-5) Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradation in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ /g substance		
Chemical oxygen demand (COD) 1.83 g O ₂ /g substance 3,6,9,12-Tetraoxahexadecane-1-ol (1559-34-8) Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. ThOD 2.05 g O ₂ /g substance Polyethylene Glycol 200-600 (25322-68-3) Biodegradability in water: no data available. Not established. 2-(2-Butoxyethoxy) Ethanol (112-34-5) Persistence and degradability Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradation in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ /g substance		
3,6,9,12-Tetraoxahexadecane-1-ol (1559-34-8) Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. 2.05 g O ₂ /g substance Polyethylene Glycol 200-600 (25322-68-3) Persistence and degradability Biodegradability in water: no data available. Not established. 2-(2-Butoxyethoxy) Ethanol (112-34-5) Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradation in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ /g substance		
Persistence and degradability Not readily biodegradable in water. Inherently biodegradable. ThOD 2.05 g O ₂ /g substance Polyethylene Glycol 200-600 (25322-68-3) Biodegradability in water: no data available. Not established. Persistence and degradability Biodegradability in water: no data available. Not established. 2-(2-Butoxyethoxy) Ethanol (112-34-5) Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradation in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ /g substance		
ThOD 2.05 g O ₂ /g substance Polyethylene Glycol 200-600 (25322-68-3) Eiodegradability Persistence and degradability Biodegradability in water: no data available. Not established. 2-(2-Butoxyethoxy) Ethanol (112-34-5) Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradation in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ /g substance		Net readily biodegradeble in water Jaharonthy biodegradeble
Polyethylene Glycol 200-600 (25322-68-3) Persistence and degradability Biodegradability in water: no data available. Not established. 2-(2-Butoxyethoxy) Ethanol (112-34-5) Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradation in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ /g substance		
Persistence and degradability Biodegradability in water: no data available. Not established. 2-(2-Butoxyethoxy) Ethanol (112-34-5) Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradation in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ /g substance		
2-(2-Butoxyethoxy) Ethanol (112-34-5) Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradation in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ /g substance		
Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradation in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ /g substance	Persistence and degradability	Biodegradability in water: no data available. Not established.
substance available. Photodegradation in the air. Biochemical oxygen demand (BOD) 0.25 g O ₂ /g substance	2-(2-Butoxyethoxy) Ethanol (112-34-5)	
	Persistence and degradability	
1/04/2017 EN (English) 6/12	Biochemical oxygen demand (BOD)	0.25 g O ₂ /g substance
	21/04/2017	EN (English) 6/12

2-(2-Butoxyethoxy) Ethanol (112-34-5) Chemical oxygen demand (COD)	2.08 g O ₂ /g substance
ThOD	$2.173 \text{ g O}_2 / \text{g substance}$
BOD (% of ThOD)	0.11
	0.11
Diethylene Glycol (111-46-6) Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Highly mobile in soil. Photolysis i
	the air.
Biochemical oxygen demand (BOD)	0.02 g O ₂ /g substance
Chemical oxygen demand (COD)	1.51 g O ₂ /g substance
ThOD	1.51 g O ₂ /g substance
BOD (% of ThOD)	0.015
Diethylene Glycol Monomethyl Ether (111	
Persistence and degradability	Readily biodegradable in water. Photolysis in the air. Photodegradation in the air.
Chemical oxygen demand (COD)	1.71 g O ₂ /g substance
ThOD	1.73 g O ₂ /g substance
Diethyleneglycolmonoethyl Ether (111-90)-0)
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.20 g O ₂ /g substance
Chemical oxygen demand (COD)	1.85 g O ₂ /g substance
ThOD	1.9078849 g O ₂ /g substance
BOD (% of ThOD)	0.11
Tetraethylene Glycol Monomethyl Ether (23783-42-8)
Persistence and degradability	Inherently biodegradable. Photolysis in the air.
Oxirane, 2-Methyl-, Polymer with Oxirane	, Monobutyl Ether (9038-95-3)
Persistence and degradability	Not readily biodegradable in water.
Trade Secret Inhibitor Package (Trade Secret Inhibitor Package	ecret)
Persistence and degradability	Not established.
Polyalkylene Glycol Monobutyl Ether (90	004-77-7)
Persistence and degradability	Not established.
2.3. Bioaccumulative potential	
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FL	UID 12 FL.OZ.
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FL Bioaccumulative potential	UID 12 FL.OZ. Not established.
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11	UID 12 FL.OZ. Not established. 2-35-6)
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow	UID 12 FL.OZ. Not established. 2-35-6) -1.13
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established.
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. i0-5)
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5 Bioaccumulative potential	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. i0-5) Not bioaccumulative.
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. i0-5) Not bioaccumulative.
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. i0-5) Not bioaccumulative. 22-6) 0.51 (Experimental value)
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143-	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. i0-5) Not bioaccumulative. 22-6)
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. i0-5) Not bioaccumulative. 22-6) 0.51 (Experimental value) Low potential for bioaccumulation (Log Kow < 4).
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow Bioaccumulative potential	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. i0-5) Not bioaccumulative. 22-6) 0.51 (Experimental value) Low potential for bioaccumulation (Log Kow < 4).
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow Bioaccumulative potential 3,6,9,12-Tetraoxahexadecane-1-ol (1559-3	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. i0-5) Not bioaccumulative. 22-6) 0.51 (Experimental value) Low potential for bioaccumulation (Log Kow < 4). 34-8)
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow Bioaccumulative potential 3,6,9,12-Tetraoxahexadecane-1-ol (1559-3 Log Pow	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. i0-5) Not bioaccumulative. 22-6) 0.51 (Experimental value) Low potential for bioaccumulation (Log Kow < 4).
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monobutyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow Bioaccumulative potential 3,6,9,12-Tetraoxahexadecane-1-ol (1559-3 Log Pow Bioaccumulative potential Polyethylene Glycol 200-600 (25322-68-3) Log Pow	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. i0-5) Not bioaccumulative. 22-6) 0.51 (Experimental value) Low potential for bioaccumulation (Log Kow < 4).
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monobutyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow Bioaccumulative potential 3,6,9,12-Tetraoxahexadecane-1-ol (1559-3 Log Pow Bioaccumulative potential Polyethylene Glycol 200-600 (25322-68-3)	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. io-5) Not bioaccumulative. 22-6) 0.51 (Experimental value) Low potential for bioaccumulation (Log Kow < 4).
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monobutyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow Bioaccumulative potential 3,6,9,12-Tetraoxahexadecane-1-ol (1559-3 Log Pow Bioaccumulative potential Polyethylene Glycol 200-600 (25322-68-3) Log Pow	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. 60-50 Not bioaccumulative. 22-6) 0.51 (Experimental value) Low potential for bioaccumulation (Log Kow < 4).
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monobutyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow Bioaccumulative potential 3,6,9,12-Tetraoxahexadecane-1-ol (1559-3 Log Pow Bioaccumulative potential Polyethylene Glycol 200-600 (25322-68-3) Log Pow Bioaccumulative potential	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. 60-50 Not bioaccumulative. 22-6) 0.51 (Experimental value) Low potential for bioaccumulation (Log Kow < 4).
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow Bioaccumulative potential 3,6,9,12-Tetraoxahexadecane-1-ol (1559-3 Log Pow Bioaccumulative potential Polyethylene Glycol 200-600 (25322-68-3) Log Pow Bioaccumulative potential 2-(2-Butoxyethoxy) Ethanol (112-34-5)	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. :0-5) Not bioaccumulative. :22-6) 0.51 (Experimental value) Low potential for bioaccumulation (Log Kow < 4).
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow Bioaccumulative potential 3,6,9,12-Tetraoxahexadecane-1-ol (1559-3 Log Pow Bioaccumulative potential Polyethylene Glycol 200-600 (25322-68-3) Log Pow Bioaccumulative potential 2-(2-Butoxyethoxy) Ethanol (112-34-5) BCF fish 1	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. i0-5) Not bioaccumulative. 22-6) 0.51 (Experimental value) Low potential for bioaccumulation (Log Kow < 4).
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow Bioaccumulative potential 3,6,9,12-Tetraoxahexadecane-1-ol (1559-3 Log Pow Bioaccumulative potential Polyethylene Glycol 200-600 (25322-68-3) Log Pow Bioaccumulative potential 2-(2-Butoxyethoxy) Ethanol (112-34-5) BCF fish 1 Log Pow Bioaccumulative potential	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. i0-5) Not bioaccumulative. 22-6) 0.51 (Experimental value) Low potential for bioaccumulation (Log Kow < 4).
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow Bioaccumulative potential 3,6,9,12-Tetraoxahexadecane-1-ol (1559-3 Log Pow Bioaccumulative potential Polyethylene Glycol 200-600 (25322-68-3) Log Pow Bioaccumulative potential 2-(2-Butoxyethoxy) Ethanol (112-34-5) BCF fish 1 Log Pow	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. i0-5) Not bioaccumulative. 22-6) 0.51 (Experimental value) Low potential for bioaccumulation (Log Kow < 4).
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow Bioaccumulative potential 3,6,9,12-Tetraoxahexadecane-1-ol (1559-3 Log Pow Bioaccumulative potential Polyethylene Glycol 200-600 (25322-68-3) Log Pow Bioaccumulative potential 2-(2-Butoxyethoxy) Ethanol (112-34-5) BCF fish 1 Log Pow Bioaccumulative potential Diethylene Glycol (111-46-6)	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. 30-5) Not bioaccumulative. 22-6) 0.51 (Experimental value) Low potential for bioaccumulation (Log Kow < 4).
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow Bioaccumulative potential 3,6,9,12-Tetraoxahexadecane-1-ol (1559-3 Log Pow Bioaccumulative potential Polyethylene Glycol 200-600 (25322-68-3) Log Pow Bioaccumulative potential 2-(2-Butoxyethoxy) Ethanol (112-34-5) BCF fish 1 Log Pow Bioaccumulative potential Diethylene Glycol (111-46-6)	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. i0-5) Not bioaccumulative. 22-6) 0.51 (Experimental value) Low potential for bioaccumulation (Log Kow < 4).
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow Bioaccumulative potential 3,6,9,12-Tetraoxahexadecane-1-ol (1559-3 Log Pow Bioaccumulative potential Polyethylene Glycol 200-600 (25322-68-3) Log Pow Bioaccumulative potential 2-(2-Butoxyethoxy) Ethanol (112-34-5) BCF fish 1 Log Pow Bioaccumulative potential Diethylene Glycol (111-46-6) BCF fish 1	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. 30-5) Not bioaccumulative. 22-6) 0.51 (Experimental value) Low potential for bioaccumulation (Log Kow < 4).
2.3. Bioaccumulative potential JOHNSEN'S PREMIUM DOT 3 BRAKE FLI Bioaccumulative potential Triethylene Glycol Monomethyl Ether (11 Log Pow Bioaccumulative potential Triethyleneglycol Monoethyl Ether (112-5 Bioaccumulative potential Triethylene Glycol Monobutyl Ether (143- Log Pow Bioaccumulative potential 3,6,9,12-Tetraoxahexadecane-1-ol (1559-3 Log Pow Bioaccumulative potential Polyethylene Glycol 200-600 (25322-68-3) Log Pow Bioaccumulative potential 2-(2-Butoxyethoxy) Ethanol (112-34-5) BCF fish 1 Log Pow Bioaccumulative potential Diethylene Glycol (111-46-6) BCF fish 1 Log Pow	UID 12 FL.OZ. Not established. 2-35-6) -1.13 Bioaccumulation: not applicable. Not established. 0-50 Not bioaccumulative. 22-6) 0.51 (Experimental value) Low potential for bioaccumulation (Log Kow < 4).

Diethylene Glycol Monomethyl Ether (111-77-3)				
Bioaccumulative potential Bioaccumulation: not applicable.				
Diethyleneglycolmonoethyl Ether (111-90-0)				
Log Pow	-1.190.08			
Bioaccumulative potential	Bioaccumulation: not applicable.			
Tetraethylene Glycol Monomethyl Ether (2378	3-42-8)			
Log Pow	-0.6			
Bioaccumulative potential	Bioaccumulation: not applicable.			
Oxirane, 2-Methyl-, Polymer with Oxirane, Mo	nobutyl Ether (9038-95-3)			
Bioaccumulative potential	Not bioaccumulative.			
Trade Secret Inhibitor Package (Trade Secret)			
Bioaccumulative potential	Not established.			
Polyalkylene Glycol Monobutyl Ether (9004-7	7-7)			
Bioaccumulative potential	Not established.			
12.4. Mobility in soil				
	(1)			
Triethylene Glycol Monomethyl Ether (112-35- Surface tension	6) 0.0314 N/m			
	U.UJ 14 IV/III			
2-(2-Butoxyethoxy) Ethanol (112-34-5)				
Surface tension	0.034 N/m (25 °C)			
Diethylene Glycol (111-46-6)				
Surface tension	0.0485 N/m			
Log Koc	Koc,SRC PCKOCWIN v1.66; 1; Calculated value; log Koc; SRC PCKOCWIN v1.66; 0; Calculated value			
Diethylene Glycol Monomethyl Ether (111-77-				
Surface tension	0.035 N/m (25 °C)			
Diethyleneglycolmonoethyl Ether (111-90-0)				
Surface tension	0.032 N/m (25 °C)			
12.5. Other adverse effects				
Other information	Avoid release to the environment.			
SECTION 13: Disposal considerations				
13.1. Waste treatment methods				
Waste disposal recommendations	Dispose in a safe manner in accordance with local/national regulations. Dispose of			
	contents/container to appropriate waste disposal facility, in accordance with local, regional,			
	national, international regulations.			
Ecology - waste materials	Avoid release to the environment.			
SECTION 14: Transport information				
In accordance with ADR / RID / IMDG / IATA / ADI	N			
US DOT (ground): Not Regulated,				
ICAO/IATA (air): Not Regulated,				
IMO/IMDG (water): Not Regulated,				
14.2. UN proper shipping name				
Proper Shipping Name (DOT)	Not Regulated			
14.3. Additional information				
	No supplementary information available.			
Overland transport				
No additional information available				
Transport by sea				
No additional information available				
Air transport				
No additional information available				
21/04/2017	EN (English) 8/12			

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 15: Regulatory information		
15.1. US Federal regulations		
JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 1	2 FL.OZ.	
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Immediate (acute) health hazard	
Triethylene Glycol Monomethyl Ether (112-35-6)		
Subject to reporting requirements of United States SARA Section 313		
Triethyleneglycol Monoethyl Ether (112-50-5)		
Subject to reporting requirements of United States SARA Section 313		
Triethylene Glycol Monobutyl Ether (143-22-6)		
Subject to reporting requirements of United States SARA Section 313		
2-(2-Butoxyethoxy) Ethanol (112-34-5)		
Subject to reporting requirements of United States SARA Section 313		
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard Reactive hazard	

15.2. International regulations

CANADA

Triethyleneglycol Monoethyl Ether (112-50-5)		
Triethylene Glycol Monobutyl Ether (143-22-6)		
2-(2-Butoxyethoxy) Ethanol (112-34-5)		
Listed on the Canadian DSL (Domestic Substances List)		
WHMIS Classification Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects		

EU-Regulations

Tri	iethyleneglycol Monoethyl Ether (112-50-5)
Tri	iethylene Glycol Monobutyl Ether (143-22-6)
2-((2-Butoxyethoxy) Ethanol (112-34-5)

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Xi; R41

Full text of R-phrases: see section 16

15.2.2. National regulations

Triethyleneglycol Monoethyl Ether (112-50-5)
Triethylene Glycol Monobutyl Ether (143-22-6)
2-(2-Butoxyethoxy) Ethanol (112-34-5)

15.3. US State regulations

JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 12 FL.OZ.	
U.S California - Proposition 65 - Carcinogens List	No
U.S California - Proposition 65 - Developmental Toxicity	No
U.S California - Proposition 65 - Reproductive Toxicity - Female	No
U.S California - Proposition 65 - Reproductive Toxicity - Male	No
Triethylene Glycol Monomethyl Ether (112-35-6)	

Thethylene Glycol Monomethyl Ether (112-33-6)				
U.S California -	U.S California -	U.S California -	U.S California -	Non-significant risk level
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	
		Female	Male	
No	No	No	No	

Ether (112-50-5) .S California - roposition 65 - evelopmental Toxicity 0	U.S California - Proposition 65 - Reproductive Toxicity - Female No	U.S California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
evelopmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	(NSRL)
0	Female	Male	
-	No		
	1 -	No	
Ether (143-22-6)			
.S California -	U.S California -	U.S California -	Non-significant risk level
roposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
evelopmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	
0	No	No	
1-ol (1559-34-8)			
.S California -	U.S California -	U.S California -	Non-significant risk level
	Proposition 65 -		(NSRL)
evelopmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	
0	No	No	
25322-68-3)			
.S California -	U.S California -	U.S California -	Non-significant risk level
roposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
evelopmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	
0	No	No	
12-34-5)			
	U.S California -	U.S California -	Non-significant risk level
			(NSRL)
evelopmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	()
0	No	No	
.S California -	U.S California -	U.S California -	Non-significant risk level
roposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
evelopmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	
0	No	No	
l Ether (111-77-3)		• •	•
	U.S California -	U.S California -	Non-significant risk level
			(NSRL)
evelopmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	
0	No	No	
her (111-90-0)			
	U.S California -	U.S California -	Non-significant risk level
roposition 65 -	Proposition 65 -		(NSRL)
evelopmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	()
0	No	No	
thyl Ether (23783-42-8)			
	U.S California -	U.S California -	Non-significant risk level
	Proposition 65 -		(NSRL)
evelopmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	()
0	No	No	
ith Oxirane. Monobutyl Eth	her (9038-95-3)		
.S California -	U.S California -	U.S California -	Non-significant risk level
			(NSRL)
roposition 65 -	Proposition 65 -	Proposition 65 -	(NORL)
	Proposition 65 - Reproductive Toxicity - Female	Proposition 65 - Reproductive Toxicity - Male	(NORL)
	D 1-ol (1559-34-8) S California - roposition 65 - evelopmental Toxicity D 25322-68-3) S California - roposition 65 - evelopmental Toxicity D 25322-68-3) S California - roposition 65 - evelopmental Toxicity D 12-34-5) .S California - roposition 65 - evelopmental Toxicity D S California - roposition 65 - evelopmental Toxicity D I Ether (111-77-3) S California - roposition 65 - evelopmental Toxicity D her (111-90-0) .S California - roposition 65 - evelopmental Toxicity D ther (111-90-0) .S California - roposition 65 - evelopmental Toxicity D ther (111-90-0) .S California -	FemaleoNo1-ol (1559-34-8)U.S California - Proposition 65 - Reproductive Toxicity - FemaleoNo25322-68-3)U.S California - Proposition 65 - Reproductive Toxicity - FemaleoNo25322-68-3)U.S California - Proposition 65 - Reproductive Toxicity - FemaleoNo25322-68-3)U.S California - Proposition 65 - Reproductive Toxicity - FemaleoNo12-34-5)U.S California - Proposition 65 - Reproductive Toxicity - FemaleoNo12-34-5)U.S California - Proposition 65 - Reproductive Toxicity - FemaleoNo12-34-5)U.S California - Proposition 65 - Reproductive Toxicity - FemaleoNo13-1U.S California - Proposition 65 - Reproductive Toxicity - FemaleoNo14-1U.S California - Proposition 65 - Reproductive Toxicity - FemaleoNo15-1U.S California - Proposition 65 - Reproductive Toxicity - FemaleoNo15-2U.S California - Proposition 65 - Reproductive Toxicity - FemaleoNo15-3U.S California - Proposition 65 - Reproductive Toxicity - FemaleoNo15-4U.S California - Proposition 65 - Reproductive Toxicity - FemaleoNo15-5Proposition 65 - Reproductive Toxicity - FemaleoNo <tr< td=""><td>Female Male o No No S California - roposition 65 - evelopmental Toxicity U.S California - Proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Male o No No zs22-68-3) U.S California - Proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Female o No No No 12-34-5) U.S California - Proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Female V.S California - Proposition 65 - Reproductive Toxicity - Female o No No No S California - proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Female S California - proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Female S California - proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Female S California - Proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Male <t< td=""></t<></td></tr<>	Female Male o No No S California - roposition 65 - evelopmental Toxicity U.S California - Proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Male o No No zs22-68-3) U.S California - Proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Female o No No No 12-34-5) U.S California - Proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Female V.S California - Proposition 65 - Reproductive Toxicity - Female o No No No S California - proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Female S California - proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Female S California - proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Female S California - Proposition 65 - Reproductive Toxicity - Female U.S California - Proposition 65 - Reproductive Toxicity - Male <t< td=""></t<>

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Trade Secret Inhibitor Package (Trade Secret)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	
Polyalkylene Glycol Mono	butyl Ether (9004-77-7)	• •		
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	
Triethylene Glycol Monom	ethyl Ether (112-35-6)			
State or local regulations				
U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S New Jersey - Right to Know Hazardous Substance List				
Triethyleneglycol Monoethyl Ether (112-50-5)				
State or local regulations				
U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S New Jersey - Right to Know Hazardous Substance List				
Triethylene Glycol Monob	utyl Ether (143-22-6)			
State or local regulations				
U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S New Jersey - Right to Know Hazardous Substance List				
2-(2-Butoxyethoxy) Ethanol (112-34-5)				
State or local regulations				
U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S New Jersey - Right to Know Hazardous Substance List				
SECTION 16: Other i	nformation			

SECTION 16: Other information

Other information

: None.

Othern	lionnation	. Hone.
Full tex	t of H-statements:	
	H227	Combustible liquid
	H302	Harmful if swallowed
	H315	Causes skin irritation
	H318	Causes serious eye damage
	H319	Causes serious eye irritation
	H361	Suspected of damaging fertility or the unborn child
	H373	May cause damage to organs through prolonged or repeated
		exposure

NFPA health hazard

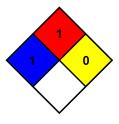
NFPA fire hazard

NFPA reactivity

: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

: 1 - Must be preheated before ignition can occur.

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health	: 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability	: 1 Slight Hazard
Physical	: 0 Minimal Hazard
Personal Protection	: B

SDS US (GHS HazCom 2012) - TCC

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

The Supplier identified in Section 1 of this SDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.