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# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

### PRODUCT IDENTIFIER:

# FLUORINE FREE & ALCOHOL RESISTANT CONCENTRATE

### OTHER MEANS OF IDENTIFICATION:

EKFF-20 ECO FOAM FLUORINE FREE CONCENTRATE 20L DRUM  
EKFF-200 ECO FOAM FLUORINE FREE CONCENTRATE 200L DRUM  
EKFF-1000 ECO FOAM FLUORINE FREE CONCENTRATE 1000L DRUM  
MULTI-PURPOSE FOAM FLUORINE FREE & ALCOHOL RESISTANT  
ECO FOAM F3  
ECO FOAM-FF

### RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST:

Use of substance / mixture: fire extinguishing agent

### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

Supplier: Atlantis Fire & Safety Services  
Street: U 3/17 Linmax Court  
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PREPARED IN ACCORDANCE WITH THE NATIONAL CODE OF PRACTICE FOR THE PREPARATION OF  
MATERIAL SAFETY DATA SHEETS 2ND EDITION [NOHSC:2011(2003)]

## SECTION 2 - HAZARD(S) IDENTIFICATION

### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

Classification according to the the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

Classified as dangerous - Serious Eye Damage / Irritation - 2A - Causes serious eye irritation

Classification according to the the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th Edition)

Not classified as Dangerous Goods

### LABEL ELEMENTS:

<b>Hazard pictograms</b>	
<b>Pictogram code</b>	GHS03 Exclamation Mark
<b>Signal word</b>	<b>WARNING</b>
<b>Hazard statements</b>	
<b>Physical Hazards</b>	<b>H319</b> Causes serious eye irritation.
<b>Health Hazards</b>	
<b>Environmental Hazards</b>	
<b>Combinations</b>	
<b>Precautionary statements</b>	
<b>General</b>	
<b>Prevention</b>	<b>P262</b> Do not get in eyes, on skin, or on clothing. <b>P264</b> Wash thoroughly after handling. <b>P280</b> Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response</b>	<b>P301+P330+P331</b> IF SWALLOWED: rinse mouth. Do NOT induce vomiting. <b>P303+P361+P353</b> IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. <b>P305 + P351 + P338</b> IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. <b>P337 + P313</b> If eye irritation persists: Get medical advice/attention.
<b>Storage</b>	
<b>Disposal</b>	

### OTHER HAZARDS:

Can harm the aquatic fauna when entering surface waters.

Can harm the bacteria population in waste water treatment plants when entering the sewerage system.

Breathing is not possible whilst submerged in the foam. Take care when spraying people!

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

### MIXTURE INGREDIENTS

Ingredient (Designation)	CAS No.	Concentration
<b>1,2-Ethandiol</b>	107-21-1	10% - <30%
<b>2-(2-Butoxyethoxy)ethanol</b>	112-34-5	< 10%
<b>Triethanolammonium-laurylsulfate</b>	85665-45-8	< 10%
<b>Alkylamidobetaine</b>	147170-44-3	< 10%
<b>Water H<sub>2</sub>O</b>	7732-18-5	>60%

## SECTION 4: FIRST AID MEASURES

### DESCRIPTION OF FIRST AID MEASURES:

#### General information

Remove contaminated, saturated clothing immediately.

Wash thoroughly the body (shower or bath).

Observe risk of aspiration if vomiting occurs.

When in doubt or if symptoms are observed, get medical advice.

#### In case of inhalation

Move away from radius of action. Provide fresh air.

Consult a doctor immediately in the case of inhaling spray mist and show him/her packaging, label or this safety datasheet.

#### In case of skin contact

Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

#### After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist . Remove contact lenses, if present and easy to do.

#### After ingestion

Do not induce vomiting (possible risk of suffocation due to formation of foam).

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

## SECTION 4: FIRST AID MEASURES

### **MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE, DELAYED AND AGGRAVATED**

Drowsiness

Nausea

Gastrointestinal complaints

### **INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

If unconscious place in recovery position and seek medical advice.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

## SECTION 5: FIREFIGHTING MEASURES

### **EXTINGUISHING MEDIA**

The product itself does not burn. The product is used as a fire extinguishing agent.

Co-ordinate fire-fighting measures to the fire surroundings.

### **SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

The product itself does not burn.

### **ADVICE FOR FIRE FIGHTERS**

Collect contaminated fire extinguishing water separately. In case of fire the product may be violently or explosively reactive. If safe to do so, remove containers from path of fire. Keep containers and fire-exposed surfaces cool with water spray. This product should be prevented from entering drains and watercourses.

#### **Appropriate personal protective equipment for fire fighters:**

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes or products of combustion. Avoid eye and skin contact.

#### **Hazchem code:**

No Hazchem Code issued to these articles. No HIN issued under RID and ADR.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### **PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:**

Provide adequate ventilation in enclosed spaces. Avoid eye and skin contact. See also section 8 of this SDS.

### **ENVIRONMENTAL PRECAUTIONS**

Cover drains.

Do not allow to enter into soil/subsoil.

Do not allow to enter into surface water or drains.

Avoid if possible penetration of aqueous systems and ground.

### **METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**

Take up mechanically, placing in appropriate containers for disposal.

Treat the recovered material as prescribed in the section on waste disposal.

Suitable material for taking up:

Sand

Sawdust

Chemical binding agents, containing acids

## SECTION 7 - HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

**Advice on safe use of product:**

Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

**Advice on safe handling:**

Avoid inhalation of vapours and mists and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mist or vapours in the work atmosphere.

**Environmental precautions:**

Shafts and sewers must be protected from entry of the product. See section 8.

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### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

**Technical measures and storage conditions:**

Always store in dry, cool area out of direct sunlight in original container with lid tightly closed.

Do not store at temperatures above +50°C for longer periods.

**Requirements for storage rooms and containers:**

no information available.

**Suitable container/equipment material:**

High-grade steel

Polyethylene (PE)

Glass fibre reinforced polyester

**Unsuitable container/equipment material:**

Aluminium, Light metal, Copper, Zinc, Alloy containing copper, Alloy containing light metal, Iron, Steel

**Information on combines storage:**

No information available.

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### SPECIFIC END USE(S)

Fire-extinguishing foams based on synthetic surfactants

Do not use for cleaning purposes.

**Recommendation**

Observe technical data sheet.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

### CONTROL PARAMETERS / OCCUPATIONAL EXPOSURE LIMIT VALUES

<b>Substance name:</b>	2-(2-Butoxyethoxy)ethanol
<b>CAS No.:</b>	112-34-5
<b>EC No.:</b>	203-961-6
<b>United Kingdom:</b>	long-term occupational exposure limit value: 10 ppm; Limit value type (country of origin) TWA (EN) short-term occupational exposure limit value: 15 ppm; Limit value type (country of origin) STEL (EN) peak limitation: ---; Limit value type (country of origin) Ceil (EN)
<b>European Union:</b>	long-term occupational exposure limit value: 10 ppm; Limit value type (country of origin) TWA (EC) short-term occupational exposure limit value: 15 ppm; Limit value type (country of origin) STEL (EC) peak limitation: ---; Limit value type (country of origin) Ceil (EC)

**CONTROL PARAMETERS / OCCUPATIONAL EXPOSURE LIMIT VALUES**

<b>Germany:</b>	long-term occupational exposure limit value: 10 ppm; Limit value type (country of origin) AGW (DE)
	short-term occupational exposure limit value: 15 ppm; Limit value type (country of origin) Peak (DE)
	peak limitation: ---; Limit value type (country of origin) Ceil (DE)
<b>Ireland</b>	Long-term occupational exposure limit value: 10 ppm; Limit value type (country of origin) TWA (IE)
	short-term occupational exposure limit value: 15 ppm; Limit value type (country of origin) STEL (IE)
	peak limitation: ---; Limit value type (country of origin) Ceil (IE)
<b>Substance name:</b>	<b>1,2-Ethandiol</b>
<b>CAS No.:</b>	107-21-1
<b>EC No.:</b>	203-473-3
<b>United Kingdom:</b>	long-term occupational exposure limit value: 20 ppm; Limit value type (country of origin) TWA (EN)
	short-term occupational exposure limit value: 40 ppm; Limit value type (country of origin) STEL (EN)
	peak limitation: ---; Limit value type (country of origin) Ceil (EN)
<b>European Union:</b>	long-term occupational exposure limit value: 20 ppm; Limit value type (country of origin) TWA (EC)
	short-term occupational exposure limit value: 40 ppm; Limit value type (country of origin) STEL (EC)
	peak limitation: ---; Limit value type (country of origin) Ceil (EC)
<b>Germany:</b>	long-term occupational exposure limit value: 10 ppm; Limit value type (country of origin) AGW (DE)
	short-term occupational exposure limit value: 20 ppm; Limit value type (country of origin) Peak (DE)
	peak limitation: ---; Limit value type (country of origin) Ceil (DE)
<b>Ireland</b>	long-term occupational exposure limit value: 20 ppm; Limit value type (country of origin) TWA (IE)
	short-term occupational exposure limit value: 40 ppm; Limit value type (country of origin) STEL (IE)
	peak limitation: ---; Limit value type (country of origin) Ceil (IE)

**EXPOSURE CONTROLS****Appropriate engineering controls:**

Use with good general ventilation. If solids/dusts are produced, local exhaust ventilation should be used. Systems under pressure should be regularly checked for leakages.

**Individual protective measures, e.g. Personal Protective Equipment:**

The following recommendations should be considered:

Wear eye goggles with side protection/goggles/face protection shield

Wear Nitrile Rubber or Butyle Rubber gloves with long cuffs (Note: breakthrough and swelling properties of the material must be taken into consideration).

**Environmental exposure controls**

Store concentrate according to appropriate local, state or Commonwealth regulations.

Do not let the concentrate get into the environment.

If possible, hold back the application solution and dispose of after use.

## INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<b>Recommended induction rate</b>	0,3%	wetting agent	solid materials
	3%	low expansion foam	non-polar liquids
	3%	medium expansion foam	non-polar liquids
	3%	high expansion foam	non-polar liquids
	6%	low expansion foam	polar liquids
<b>Foam expansion* (according to EN 1568)</b>	5-10	low expansion foam*	
	60-120	medium expansion foam*	
	400-800	high expansion foam*	

\* Foam expansion and drainage times may vary, depending on foam equipment and operating pressure.

<b>Physical state</b>	Liquid	
<b>Colour</b>	Yellow to brown	
<b>Odour</b>	no information about specific characteristics or data available	
<b>Odour threshold</b>	no information about specific characteristics or data available	
<b>pH</b>	6,5 - 8,5 (at 20°C)	DIN EN 12 62:1996
<b>Freezing point</b>	-5°C	DIN ISO 3016
<b>Initial boiling point and range</b>	>100°C	DIN 51751
<b>Flash Point</b>	No flash point up to 100°C	DIN EN 22 719
<b>Evaporation rate</b>	no information about specific characteristics or data available	
<b>Flammability</b>	This mixture is not flammable	
<b>Explosive limits</b>	This mixture is not flammable / combustible	
<b>Vapour pressure</b>	no information about specific characteristics or data available	
<b>Vapour density</b>	no information about specific characteristics or data available	
<b>Relative density</b>	1,020 - 1,060 g/ml (at 20°C)	DIN EN ISO 3675
<b>Water Solubility</b>	completely miscible	OECD 105
<b>Partition coefficient: n-octanol/ water</b>	no information about specific characteristics or data available	
<b>Auto-ignition temperature</b>	no information about specific characteristics or data available	
<b>Decomposition temperature</b>	no information about specific characteristics or data available	
<b>Viscosity</b>	< 800(400) mPa*s @ 75(375) 1/s (at 20°C) (structure: viscous)	DIN EN ISO 3219
	< 1500(750) mPa*s @ 75(375) 1/s (at -5°C) (structure: viscous)	DIN EN ISO 3219

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (CONTINUED)

### PHYSICAL HAZARDS

Breathing is not possible whilst submerged in the foam. Take care when spraying people!

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### OTHER INFORMATION

FlameStop Fluorine Free & Alcohol Resistant foam poses no health risk, provided it is used as intended as fire extinguishing foam. Fire fighting exercise and testing may have to be agreed with local authorities.

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## SECTION 10 - STABILITY AND REACTIVITY

### REACTIVITY

This mixture is chemically stable.

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### CHEMICAL STABILITY

No special measures are necessary. Stable under normal ambient storage and handling conditions.

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### POSSIBILITY OF HAZARDOUS REACTIONS

No special measures are necessary.

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### CONDITIONS TO AVOID

Do not store at temperatures above: +50°C

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### INCOMPATIBLE MATERIALS

#### Materials to avoid:

Alkali (lye), concentrated

Alkali metals

Acid, concentrated

Oxidising agent, strong

Reducing agent, strong

Acid halides

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### HAZARDOUS DECOMPOSITION PRODUCTS

No information available.

## INFORMATION ON TOXICOLOGICAL EFFECTS

<b>Acute oral toxicity:</b>	
LD50	>2000mg/kg GHS-category 5
Species:	Rat
Method:	OECD 420
<b>Acute dermal toxicity:</b>	The product has not been tested
<b>Acute inhalation toxicity:</b>	The product has not been tested
<b>Skin corrosion/irritation:</b>	
Species:	Albino rabbit
Method:	OECD 404
Result:	Not an irritant
<b>Serious eye damage/irritation:</b>	
Species:	Albino rabbit
Method:	OECD 404
Result:	Irritant (Cat. 2A)
<b>Respiratory or skin sensitisation:</b>	Hazardous ingredients: not sensitising
<b>Germ cell mutagenicity:</b>	The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP
<b>Carcinogenicity:</b>	The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP
<b>Reproductive toxicity:</b>	The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP
<b>Specific Target Organ Toxicity – single exposure:</b>	The product has not been tested
<b>Specific Target Organ Toxicity – repeated exposure:</b>	The product has not been tested
<b>Aspiration hazard:</b>	The product has not been tested

## INFORMATION ON POSSIBLE ROUTES OF EXPOSURE

No information available. See section 4.

## EARLY ONSET SYMPTOMS RELATING TO EXPOSURE

No information available.

## DELAYED HEALTH EFFECTS FROM EXPOSURE

No information available.

## EXPOSURE LEVELS AND HEALTH EFFECTS

No information available.

## SECTION 11 - TOXICOLOGICAL INFORMATION (CONTINUED)

### INTERACTIVE EFFECTS

No information available.

### OTHER INFORMATION

No information available.

## SECTION 12 - ECOLOGICAL INFORMATION

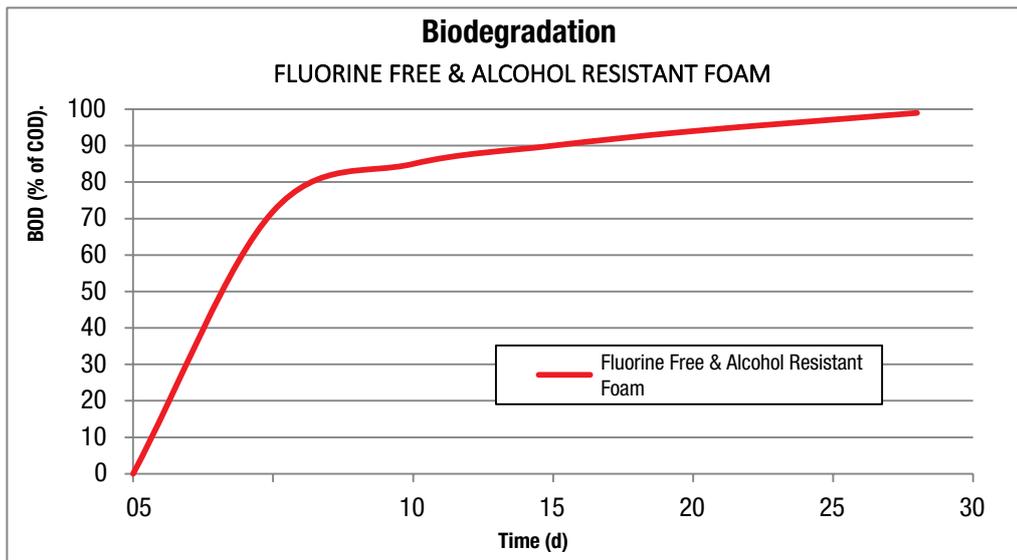
### ECOTOXICITY

Aquatic toxicity			
Concentration	100%	3%	Regulatory information
Acute (short term) fish toxicity			
Effective dose	LC50 ~240mg/L	8000mg/L	
Exposure time	96h		
Species	Leuciscus idus (golden orfe)		
Method	OECD 203		OECD 203
Acute (short-term) daphnia toxicity			
Effective dose	EC50 ~210mg/L	7000mg/L	
Exposure time	48h		
Species	Daphnia magna (Big water flea)		
Method	OECD 202		OECD 202
Acute (short-term) algae toxicity			
Effective dose	EC50 ~210mg/L	ca. 7000mg/L	
Exposure time	72h		
Method	OECD 201		OECD201
Effects in sewage plants			
Chemical oxygen demand (COD)	ca. 488000 mg O <sub>2</sub> /L	ca. 14700 mg O <sub>2</sub> /L	DIN EN 38409-H41-1
Biochemical oxygen demand (BOD)	ca. 170000 mg O <sub>2</sub> /L	ca. 5100 mg O <sub>2</sub> /L	DIN EN 1899-1
BOD/COD ratio	34,8	34,8	-
Bacteria toxicity	~500mg/L	~16600mg/L	DIN 38412 – L3
Dilution	~2000 x Dilution	~60 x Dilution	DIN 38412 – L3
Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge. The product may lead to foaming in sewage plants. Observe local regulations concerning effluent treatment. Special pre-treatments are necessary.			

### PERSISTENCE AND DEGRADIBILITY

Biodegradation	
Degradation rate (%)	>99% in 28 days (DIN EN ISO 9888)
Time (d)	28
Analytical method	BOD (% of COD)
Method	OECD 302B/ ISO 9888/ EEC 92/69/V, C.9
Type	Aerobic
Result	Readily biodegradable (according to OECD criteria).

## SECTION 12 - ECOLOGICAL INFORMATION (CONTINUED)



Time (d)	BOD (% of COD)
0	0
5	72
10	85
15	90
20	94
28	99

### BIOACCUMULATIVE POTENTIAL

1,2-ETHANDIOL: No indication of bioaccumulation potential.

2-(2-BUTOXYETHOXY)ETHANOL: No indication of bioaccumulation potential.

TRIETHANOLAMMONIUM-LAURYSULFATE: No indication of bioaccumulation potential.

ALKYLAMIDOBETAINE: No indication of bioaccumulation potential.

### MOBILITY IN SOIL

If product enters soil, it will be mobile and may contaminate groundwater.

### OTHER ADVERSE EFFECTS

Breathing is not possible whilst submerged in the foam. Take care when spraying people!

## SECTION 13 - DISPOSABLE CONSIDERATIONS

### DISPOSABLE METHODS

As per the Department of Environmental and Heritage Protection Operational Policy:- Environmental Management of Firefighting Foam

- irrigation onto adjacent land to soak in and degrade in situ
- holding of larger quantities in on-site ponds or drains for 28 days or longer according to its BOD profile to fully biodegrade
- covering with sand or soil to prevent or limit subsequent movement to a waterway in runoff
- soaking into soil along a roadside drainage line to degrade in situ (clear of any waterway)
- **pumping out and disposal to sewer or wastewater treatment plant.**

### PHYSICAL/CHEMICAL PROPERTIES THAT MAY AFFECT DISPOSAL OPTIONS

No information available.

### EFFECTS OF SEWAGE DISPOSAL

No information available.

### SPECIAL PRECAUTIONS FOR INCINERATION OR LANDFILL

All containers should be returned to the supplier. Privately owned containers no longer required, should be disposed of in an environmentally safe manner, and in accordance with applicable regulations.

## SECTION 14 - TRANSPORT INFORMATION

UN number	Not applicable. The mixture is not classified as dangerous.
Proper shipping name or Technical Name	Not applicable.
Transport hazard class	<p><b>Road and Rail Transport</b></p> <p>Not Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG) for transport by Road and Rail</p> <p><b>Marine Transport</b></p> <p>Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.</p> <p><b>Air Transport</b></p> <p>Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations</p>
Packing Group	Not applicable.
Environmental hazards for Transport Purposes	Not applicable. Not a marine pollutant
Special Precautions for user	Not applicable.
Additional Information	No information available.
Hazchem or Emergency Action Code	Not applicable.

## SECTION 15 - REGULATORY INFORMATION

### SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE MIXTURE

<b>EU legislation</b>	
<b>Regulation (EC) No. 2037/2000 concerning materials which cause damage to the ozone layer</b>	not applicable
<b>Regulation (EC) No. 304/2003 of the European parliament and of the council concerning the export and import of dangerous chemicals</b>	not applicable
<b>Directive 96/59/EC (PCB-guideline)</b>	not applicable
<b>Regulation (EC) No. 648/2004 (Detergents regulation)</b>	The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.
<b>Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).</b>	Volatile organic compounds (VOC) content in percent by weight: max. 10
<b>Regulation (EC) No. 842/2006 on certain fluorinated greenhouse gases</b>	not applicable
<b>German regulations</b>	
<b>Störfallverordnung</b>	Not subject to StörfallVO.
<b>Water hazard class (WGK)</b>	Classification according to VwVwS, Annex 4.: slightly hazardous to water (WGK 1) Regulatory information: VwVwS
<b>annex Chemikalien-Verbotsverordnung (ChemVerbotsV)</b>	not applicable

## SECTION 15 - REGULATORY INFORMATION (CONTINUED)

<b>Australian regulations</b>	AICS (Australian Inventory of Chemical Substances) Australian HVICL (High Volume Industrial Chemicals List) National Occupational Health and Safety Commission (NOHSC) Approved Criteria for Classifying Hazardous Substances NICNAS Priority Existing Chemical (PEC) NPI (National Pollutant Inventory)
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### CHEMICAL ASSESSMENT

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16 - OTHER INFORMATION

### KEY LITERATURE REFERENCES AND SOURCES

Classification in accordance with the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)].

This Safety Data Sheet where necessary has been established in accordance with the applicable European Union legislation and has used calculation methods of regulation (EC) 1272/2008 CLP

Australian Inventory of Chemical Substances (AICS)

Australian Code for the Transport of Dangerous Goods by Road & Rail (2015, 7th Edition, 7.4)

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Workplace exposure standards for airborne contaminants, Safe work Australia.

International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

WGK	Wassergefährdungsklassen - German water hazard classes
EC	European Commission
PCB	Printed Circuit Board
VwVwS	Verwaltungsvorschrift wassergefährdende Stoffe (Administrative Regulation for Agents Hazardous to Waters)
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
DIN	Deutsches Institut für Normung (German Institute for Standardisation)
ISO	International Organization for Standardisation
EN	European Standard
LGK	Lagerklasse (storage class)
CAS	Chemical Abstracts Service
CLP	Classification, Labelling & Packaging (EU regulation)
NOHSC	National Standard for the Storage and Handling of Workplace Dangerous Goods
TRGS	Technische Regel für Gefahrstoffe (Technical Rules for Hazardous Substances)

### DISCLAIMER

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**For contact information please go to page 1 of this SDS.**

### END OF SDS.

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