

# SAFETY DATA SHEET

## Section 1: Identification of the substance/mixture and of the company/undertaking

**Product identifier** 

Trade name or designation

of the mixture

Tridol ATF 3/6

Registration number

Synonyms None.
SDS number -

Product code 140-05

Date of first issue 15-July-2011

Version number 02

Revision date 03-December-2014

Supersedes date 15-July-2011

Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Fire fighting foam concentrate.

Uses advised against None known.

Details of the supplier of the safety data sheet

Supplier

Company name Angus Fire Ltd Address Station Road

Bentham, Lancashire, LA2 7NA

**Phone number:** 0044 (0)15 2426 4000

e-mail general.enquiries@angusuk.co.uk

Contact person EH&S Manager

Emergency telephone 0044 (0)15 242

number

0044 (0)15 2426 4000 (Standard office hours: Monday to Friday 8:30am - 4:30pm GMT)

## Section 2: Hazards identification

## Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

### Classification according to Directive 67/548/EEC or 1999/45/EC as amended

This preparation does not meet the criteria for classification according to Directive 1999/45/EC as amended.

### Classification according to Regulation (EC) No 1272/2008 as amended

**Health hazards** 

Serious eye damage/eye irritation Category 2 Causes serious eye irritation.

**Hazard summary** 

**Physical hazards** Not classified for physical hazards.

Health hazards Not classified for health hazards. However, occupational exposure to the mixture or substance(s)

may cause adverse health effects.

**Environmental hazards** Not classified for hazards to the environment.

Specific hazards May cause skin and eye irritation. May cause respiratory tract irritation. May cause central

nervous system effects.

Main symptoms Symptoms can include irritation, redness, scratching of the cornea, and tearing. Symptoms may

include redness, oedema, drying, defatting and cracking of the skin. Symptoms of overexposure

may be headache, dizziness, tiredness, nausea and vomiting.

Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains: 2-(2-Butoxyethoxy)-Ethanol, Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C9-11-alkyl

ethers, sodium salts

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Signal word Warning

**Hazard statements** Causes serious eye irritation.

**Precautionary statements** 

Prevention Wear eye/face protection. Wash thoroughly after handling.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present Response

and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Store away from incompatible materials. Storage

Dispose of waste and residues in accordance with local authority requirements. Disposal

Supplemental label information None.

Other hazards Not a PBT or vPvB substance or mixture.

## Section 3: Composition/information on ingredients

**Mixture** 

**General information** 

CAS-No. / EC No. REACH Registration No. INDEX No. **Chemical name** % **Notes** 2-(2-Butoxyethoxy)-Ethanol 5 - < 10112-34-5 603-096-00-8 # 203-961-6 Classification: DSD: Xi;R36 CLP: Eye Irrit. 2;H319

Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C9-11-alkyl ethers, sodium salts

Classification:

**DSD:** Xi;R38-41

Skin Irrit. 2;H315, Eye Dam. 1;H318

1 - < 3

Cocamidopropyl Betaine 61789-40-0 < 1

263-058-8

96130-61-9

Classification: DSD: Xi;R36/38

> Skin Irrit. 2;H315, Eye Irrit. 2;H319 CLP:

Water Balance 7732-18-5

231-791-2

DSD: -Classification:

CLP: -

#: This substance has workplace exposure limit(s).

DSD: Directive 67/548/EEC. CLP: Regulation No. 1272/2008.

**Composition comments** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in

percent by volume.

The full text for all R- and H-phrases is displayed in section 16.

## Section 4: First aid measures

## Description of first aid measures

Inhalation Move injured person into fresh air and keep person calm under observation. Get medical attention

if discomfort persists.

Skin contact Wash the skin immediately with soap and water. Get medical attention if irritation develops and

Eye contact Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open

eyes wide apart. Get medical attention if irritation develops and persists.

Immediately rinse mouth and drink plenty of water. Get medical attention if symptoms occur. Ingestion

Tridol ATF 3/6 SDS EU 2/8 Most important symptoms and effects, both acute and delayed

Symptoms can include irritation, redness, scratching of the cornea, and tearing. Symptoms may include redness, oedema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Indication of any immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically.

## Section 5: Firefighting measures

General fire hazards

Product is an extinguishing medium. It does not burn or support combustion.

**Extinguishing media** 

Suitable extinguishing

media

No specific measures are required as this product is a fire extinguishing medium.

Unsuitable extinguishing

media

Not applicable.

Special hazards arising from the substance or mixture

Not a fire hazard

Advice for firefighters

**Special protective** equipment for firefighters Self-contained breathing apparatus, operated in positive pressure mode and full protective

clothing must be worn in case of fire.

Special firefighting procedures

No specific precautions.

## Section 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

For non-emergency

personnel

Avoid contact with skin and eyes. Avoid inhalation of mists or aerosols. Provide adequate ventilation. Wear protective clothing as described in section 8 of this safety data sheet.

For emergency responders

Use personal protection recommended in Section 8 of the SDS.

**Environmental precautions** Methods and material for containment and cleaning up For large (industrial) releases, prevent spill from entering a waterway.

Absorb spillage with suitable absorbent material. Collect and dispose of spillage as indicated in Section 13.

Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

# Section 7: Handling and storage

Precautions for safe handling

Avoid contact with skin and eyes. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store in original tightly closed container. Store at temperature below 40°C. Store above freezing.

Value

Store away from incompatible materials.

Specific end use(s)

Fire fighting foam concentrate.

### Section 8: Exposure controls/personal protection

#### **Control parameters**

Componente

## Occupational exposure limits

### Austria. MAK List

Components	Туре	Value	
2-(2-Butoxyethoxy)-Ethanol (112-34-5)	MAK	97,5 mg/m3	
	STEL	10 ppm 101,2 mg/m3 15 ppm	
Belgium. Exposure Limit Values.			
Components	Туре	Value	
2-(2-Butoxyethoxy)-Ethanol (112-34-5)			
	STEL	101,2 mg/m3	

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Components	Туре	Value	
2-(2-Butoxyethoxy)-Ethanol 112-34-5)	Ceiling	100 mg/m3	
,	TWA	70 mg/m3	
France. Threshold Limit Values (V	LEP) for Occupational Exposi	ure to Chemicals in France, INRS	ED 984
Components	Туре	Value	
2-(2-Butoxyethoxy)-Ethanol (112-34-5)	VLE	101,2 mg/m3	
	VME	15 ppm 67,5 mg/m3 10 ppm	
Germany. TRGS 900, Limit Values	in the Ambient Air at the Wor	kplace	
Components	Туре	Value	
2-(2-Butoxyethoxy)-Ethanol (112-34-5)	AGW	100 mg/m3	
	TWA	10 ppm 67 mg/m3	
Italy. OELs			
Components	Туре	Value	
2-(2-Butoxyethoxy)-Ethanol (112-34-5)	STEL	101,2 mg/m3	
	TWA	15 ppm 67,5 mg/m3 10 ppm	
Netherlands. OELs (binding)			
Components	Туре	Value	
2-(2-Butoxyethoxy)-Ethanol	STEL	100 mg/m3	
(112-34-5)	OTEL	100 mg/ms	
	TWA	50 mg/m3	
	TWA	50 mg/m3	
(112-34-5)	TWA	50 mg/m3	
(112-34-5) Norway. Administrative Norms for	TWA Contaminants in the Workpla	50 mg/m3  ce  Value  10 ppm	
Norway. Administrative Norms for Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)	TWA Contaminants in the Workpla Type TLV	50 mg/m3  CCE  Value  10 ppm  68 mg/m3	
(112-34-5)  Norway. Administrative Norms for Components  2-(2-Butoxyethoxy)-Ethanol	TWA Contaminants in the Workpla Type TLV	50 mg/m3  CCE  Value  10 ppm  68 mg/m3	ons and Intensities ir
Norway. Administrative Norms for Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Poland. MACs. Minister of Labour	TWA Contaminants in the Workpla Type TLV	50 mg/m3  CCE  Value  10 ppm  68 mg/m3	ons and Intensities ir
Norway. Administrative Norms for Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5) Poland. MACs. Minister of Labour Working Environment	TWA Contaminants in the Workpla Type TLV and Social Policy Regarding	50 mg/m3  CCE  Value  10 ppm 68 mg/m3  Maximum Allowable Concentration  Value  100 mg/m3	ons and Intensities ir
Norway. Administrative Norms for Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Poland. MACs. Minister of Labour Working Environment Components 2-(2-Butoxyethoxy)-Ethanol	TWA Contaminants in the Workpla Type TLV  and Social Policy Regarding	50 mg/m3  ce  Value  10 ppm  68 mg/m3  Maximum Allowable Concentration  Value	ons and Intensities in
Norway. Administrative Norms for Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Poland. MACs. Minister of Labour Working Environment Components 2-(2-Butoxyethoxy)-Ethanol	TWA Tontaminants in the Workpla Type TLV  and Social Policy Regarding I  Type  STEL  TWA  Maximum allowable concentrate	50 mg/m3  Toce  Value  10 ppm 68 mg/m3  Maximum Allowable Concentration  Value  100 mg/m3 67 mg/m3  tion (MAC) of harmful substances	
Norway. Administrative Norms for Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Poland. MACs. Minister of Labour Working Environment Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Hygiene Norm GN 2.2.5.2439-09. N	TWA Tontaminants in the Workpla Type TLV  and Social Policy Regarding I  Type  STEL  TWA  Maximum allowable concentrate	50 mg/m3  Toce  Value  10 ppm 68 mg/m3  Maximum Allowable Concentration  Value  100 mg/m3 67 mg/m3  tion (MAC) of harmful substances	
Norway. Administrative Norms for Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Poland. MACs. Minister of Labour Working Environment Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Hygiene Norm GN 2.2.5.2439-09. Nationes. Executive No. 76 of 30 apri	TWA  Contaminants in the Workpla  Type  TLV  and Social Policy Regarding I  Type  STEL  TWA  Maximum allowable concentrations of the concentration of the co	50 mg/m3  Toce  Value  10 ppm 68 mg/m3  Maximum Allowable Concentration  Value  100 mg/m3 67 mg/m3  tion (MAC) of harmful substances No.1, 2, 3 and 4.	s in the air of working
Norway. Administrative Norms for Components  2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Poland. MACs. Minister of Labour Working Environment  Components  2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Hygiene Norm GN 2.2.5.2439-09. Normal Research Security No. 76 of 30 aprilicomponents  2-(2-Butoxyethoxy)-Ethanol	TWA Type TLV  and Social Policy Regarding I  Type STEL TWA  flaximum allowable concentrate I 2006. Including Appendixes Type Ceiling	50 mg/m3  Total  Total	s in the air of working
Norway. Administrative Norms for Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Poland. MACs. Minister of Labour Working Environment Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Hygiene Norm GN 2.2.5.2439-09. Normal Research Properties Zenes. Executive No. 76 of 30 aprilicomponents 2-(2-Butoxyethoxy)-Ethanol (112-34-5)	TWA Type TLV  and Social Policy Regarding I  Type STEL TWA  flaximum allowable concentrate I 2006. Including Appendixes Type Ceiling	50 mg/m3  Total  Total	s in the air of working
Norway. Administrative Norms for Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Poland. MACs. Minister of Labour Working Environment Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Hygiene Norm GN 2.2.5.2439-09. Normal Exposure Line Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Spain. Occupational Exposure Line Components 2-(2-Butoxyethoxy)-Ethanol	TWA Type TLV  and Social Policy Regarding Type STEL TWA flaximum allowable concentrate I 2006. Including Appendixes Type Ceiling	50 mg/m3  Total value  10 ppm 68 mg/m3  Maximum Allowable Concentration  Value  100 mg/m3 67 mg/m3  Stion (MAC) of harmful substances No.1, 2, 3 and 4.  Value  10 mg/m3	s in the air of working
Norway. Administrative Norms for Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Poland. MACs. Minister of Labour Working Environment Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Hygiene Norm GN 2.2.5.2439-09. Normal Exposure Line Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Spain. Occupational Exposure Line Components	TWA Type TLV  and Social Policy Regarding I  Type STEL TWA Maximum allowable concentrated I 2006. Including Appendixes I Type Ceiling  nits Type	50 mg/m3  Total  Total	s in the air of working
Norway. Administrative Norms for Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Poland. MACs. Minister of Labour Working Environment Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Hygiene Norm GN 2.2.5.2439-09. Normal Exposure Line Components 2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Spain. Occupational Exposure Line Components 2-(2-Butoxyethoxy)-Ethanol	TWA Type TLV  and Social Policy Regarding I  Type STEL TWA Maximum allowable concentrate I 2006. Including Appendixes Type Ceiling  nits Type STEL  TWA	50 mg/m3  To ppm  68 mg/m3  Maximum Allowable Concentration  Value  100 mg/m3  67 mg/m3  tion (MAC) of harmful substances No.1, 2, 3 and 4.  Value  10 mg/m3  Value  10 mg/m3	s in the air of working
Norway. Administrative Norms for Components  2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Poland. MACs. Minister of Labour Working Environment  Components  2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Hygiene Norm GN 2.2.5.2439-09. Normal Exposure Components  2-(2-Butoxyethoxy)-Ethanol (112-34-5)  Spain. Occupational Exposure Lin Components  2-(2-Butoxyethoxy)-Ethanol (112-34-5)	TWA Type TLV  and Social Policy Regarding I  Type STEL TWA Maximum allowable concentrate I 2006. Including Appendixes Type Ceiling  nits Type STEL  TWA	50 mg/m3  To ppm  68 mg/m3  Maximum Allowable Concentration  Value  100 mg/m3  67 mg/m3  tion (MAC) of harmful substances No.1, 2, 3 and 4.  Value  10 mg/m3  Value  10 mg/m3	s in the air of working

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Components	Туре	Value	
	TWA	30 ppm 100 mg/m3 15 ppm	
Switzerland. SUVA Grenzwe	erte am Arbeitsplatz		
Components	Туре	Value	
2-(2-Butoxyethoxy)-Ethanol (112-34-5)	STEL	101,2 mg/m3	
	TWA	15 ppm 67 mg/m3 10 ppm	
UK. EH40 Workplace Expos	ure Limits (WELs)		
Components	Туре	Value	
2-(2-Butoxyethoxy)-Ethanol (112-34-5)	STEL	101,2 mg/m3	
	TWA	15 ppm 67,5 mg/m3 10 ppm	
ommended monitoring cedures	Follow standard monitoring procedures.		
EL	Not available.		
EC	Not available.		
osure controls			
ropriate engineering trols	Ensure adequate ventilation, especially in confined areas. Observe occupational exposure limits and minimise the risk of exposure.		
vidual protection measures,	such as personal protective equipment	nt	
General information	Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.		
Eye/face protection	Wear approved safety goggles.		
Skin protection			
- Hand protection	Wear suitable gloves. Butyl rubber gloves are recommended. Suitable gloves can be recommended by the glove supplier.		
- Other	Wear suitable protective clothing.		
Respiratory protection	In case of inadequate ventilation: Use respiratory equipment with combination filter, type A2/P2.		
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.		
iene measures	Handle in accordance with good industrial hygiene and safety practices. Routinely wash work		

clothing and protective equipment to remove contaminants.

**Environmental exposure** 

Environmental manager must be informed of all major spillages.

Contain spills and prevent releases and observe national regulations on emissions.

controls

# Section 9: Physical and chemical properties

# Information on basic physical and chemical properties

Physical state Liquid. **Form** Liquid. Colour Pale yellow. Organic. Odour **Odour threshold** Not available. 6,5 - 8 рΗ Melting point/freezing Not available.

Boiling point, initial boiling 100 °C (212 °F) @ 760 mmHg

point, and boiling range

Flash point > 98 °C (> 208,4 °F)

**Auto-ignition temperature** Not applicable. Flammability (solid, gas) Not applicable. Flammability limit - lower Not applicable

(%)

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Flammability limit - upper

(%)

Not applicable

**Oxidising properties** Not applicable. **Explosive properties** Not applicable. **Explosive limit** Not applicable. Vapour pressure Not applicable. Vapour density Not applicable. **Evaporation rate** Not applicable.

Relative density 1,014

Solubility (water) Completely soluble in water.

Partition coefficient (n-octanol/water)

No data available.

Decomposition

Not available. temperature

**Viscosity** 

Not available. Percent volatile Not available. Other information

No relevant additional information available.

# Section 10: Stability and reactivity

Reactivity The product is stable and non reactive under normal conditions of use, storage and transport.

**Chemical stability** Stable at normal conditions.

Possibility of hazardous

reactions

Hazardous polymerisation does not occur.

Conditions to avoid Contact with incompatible materials. Excessive heat. Freezing (Product properties are

unaffected).

Incompatible materials Alkali metals. Strong oxidising agents. Water reactive materials.

Hazardous decomposition

products

Carbon oxides. Sulphur oxides. Hydrogen fluoride. Nitrogen oxides (NOx). Sodium oxides.

# **Section 11: Toxicological information**

**General information** The information in this section is for the individual ingredients that are expected to contribute to

the potential health effects of this product.

Information on likely routes of exposure

Ingestion May cause discomfort if swallowed.

Inhalation Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

May cause skin irritation. Skin contact Eye contact Causes serious eye irritation.

**Symptoms** Symptoms can include irritation, redness, scratching of the cornea, and tearing. Symptoms may

include redness, oedema, drying, defatting and cracking of the skin.

Information on toxicological effects

**Acute toxicity** May cause skin and eye irritation. May cause central nervous system effects.

Components Test results

2-(2-Butoxyethoxy)-Ethanol (112-34-5) Acute Dermal LD50 Rabbit: 2700 mg/kg

Acute Oral LD50 Rat: 4500 mg/kg

Skin corrosion/irritation Prolonged contact may cause dryness of the skin.

Serious eye damage/eye

irritation

May cause eye irritation. Exposed may experience eye tearing, redness, and discomfort.

No data available. Respiratory sensitisation Skin sensitisation Not a skin sensitiser. Germ cell mutagenicity No data available. Carcinogenicity No data available. Reproductive toxicity No data available. No data available.

Specific target organ toxicity - single exposure

Specific target organ

exposure

No data available.

toxicity - repeated

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**Aspiration hazard** No data available. Mixture versus substance None known.

information

Other information

Persons with pre-existing skin disorders may be more susceptible to the effects of the product.

Prolonged contact may cause dryness of the skin.

# **Section 12: Ecological information**

## **Toxicity**

**Product Test results** 

Tridol ATF 3/6 (Mixture) LC50 Daphnia magna: 3000 ppm 24 hours

Persistence and The product is biodegradable.

COD: 0,28 gg-1 degradability

BOD: 0,023 gg-1/5 days.

The product is not expected to bioaccumulate. Bioaccumulative potential

**Mobility** The product is water soluble and may spread in water systems.

**Environmental fate -**No data available.

Partition coefficient

Mobility in soil No data available

Not a PBT or vPvB substance or mixture. Results of PBT and

vPvB assessment Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## Section 13: Disposal considerations

Waste treatment methods

Residual waste Dispose of waste and residues in accordance with local authority requirements.

Contaminated packaging Dispose of in accordance with local regulations. Empty containers should be taken to an approved

waste handling site for recycling or disposal.

16 03 05\* Waste codes should be assigned by the user based on the application for which the EU waste code

product was used.

Disposal methods/information Dispose of waste and residues in accordance with local authority requirements.

### **Section 14: Transport information**

#### **ADR**

The product is not covered by international regulation on the transport of dangerous goods.

#### **RID**

The product is not covered by international regulation on the transport of dangerous goods.

#### **ADN**

The product is not covered by international regulation on the transport of dangerous goods.

## IATA

The product is not covered by international regulation on the transport of dangerous goods.

#### **IMDG**

The product is not covered by international regulation on the transport of dangerous goods.

Transport in bulk according to Annex II of MARPOL73/78 and

No information available.

the IBC Code

## Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

#### **EU Regulations**

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I

Not listed.

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II

Not listed.

Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2

Not listed.

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Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V

Directive 96/61/EC concerning integrated pollution prevention and control (IPPC): Article 15, European Pollution **Emission Registery (EPER)** 

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(1). Candidate List

Not listed.

Other regulations The product is classified and labelled in accordance with EC directives or respective national

laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

**National regulations** Follow national regulation for work with chemical agents. **Chemical safety assessment** No Chemical Safety Assessment has been carried out.

### Section 16: Other information

List of abbreviations DNEL: Derived No-Effect Level. PNEC: Predicted No-Effect Concentration. PBT: Persistent,

bioaccumulative and toxic. vPvB: Very Persistent and very Bioaccumulative.

References

**IUCLID** 

RTECS (2010)

Information on evaluation method leading to the classification of mixture

The mixture is classified based on test data for physical hazards. The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if

available. For details, refer to Sections 9, 11 and 12.

Full text of any statements or R-phrases and H-phrases under Sections 2 to 15

R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.

R38 Irritating to skin.

R41 Risk of serious damage to eyes. H315 - Causes skin irritation. H318 - Causes serious eye damage. H319 - Causes serious eye irritation.

**Training information** 

Follow training instructions when handling this material.

Disclaimer

This information is based on our current knowledge and is believed to be correct as of the date issued. The information is intended to describe the product for the purposes of health, safety and environmental requirements only and no warranty, express or implied, is made. It should also not be construed as guaranteeing any specific property of the product. In addition, information obtained from a database is subject to change and may not be as current as the information in the

MSDS available directly from Angus Fire.

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