

**Section 1: Identification of the substance/mixture and of the company/undertaking****Product identifier**

|   |                                  |
|---|----------------------------------|
| <b>Trade name or designation of the mixture</b> | Tridol S3                        |
| <b>Registration number</b>                      | -                                |
| <b>Synonyms</b>                                 | Aqueous Film Forming Foam (AFFF) |
| <b>SDS number</b>                               | -                                |
| <b>Product code</b>                             | 120-05                           |
| <b>Date of first issue</b>                      | 07-October-2010                  |
| <b>Version number</b>                           | 02                               |
| <b>Revision date</b>                            | 03-December-2014                 |
| <b>Supersedes date</b>                          | 07-October-2010                  |

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

|                             |                                 |
|-----------------------------|---------------------------------|
| <b>Identified uses</b>      | Fire fighting foam concentrate. |
| <b>Uses advised against</b> | None known.                     |

**Details of the supplier of the safety data sheet****Supplier**

|                                   |  |
|-----------------------------------|--|
| <b>Company name</b>               | Angus Fire Ltd   |
| <b>Address</b>                    | Station Road<br>Bentham, Lancashire, LA2 7NA                                       |
| <b>Phone number:</b>              | 0044 (0)15 2426 4000   |
| <b>e-mail</b>                     | general.enquiries@angusuk.co.uk  |
| <b>Contact person</b>             | EH&S Manager   |
| <b>Emergency telephone number</b> | 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****Classification according to Directive 67/548/EEC or 1999/45/EC as amended**

This preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification** Xi;R36

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

|                       |                                   |            |                                |
|-----------------------|-----------------------------------|------------|--------------------------------|
| <b>Health hazards</b> | Serious eye damage/eye irritation | Category 2 | Causes serious eye irritation. |
|-----------------------|-----------------------------------|------------|--------------------------------|

**Hazard summary**

|                              |   |
|------------------------------|---|
| <b>Physical hazards</b>      | Not classified for physical hazards.  |
| <b>Health hazards</b>        | Irritating to eyes. Occupational exposure to the substance or mixture may cause adverse health effects.   |
| <b>Environmental hazards</b> | Not classified for hazards to the environment.  |
| <b>Specific hazards</b>      | May cause skin irritation.  |
| <b>Main symptoms</b>         | 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



**Signal word** Warning

|                                       |  |
|---------------------------------------|--|
| <b>Hazard statements</b>              | Causes serious eye irritation.   |
| <b>Precautionary statements</b>       |  |
| <b>Prevention</b>                     | Wear eye/face protection. Wash hands thoroughly after handling.  |
| <b>Response</b>                       | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| <b>Storage</b>                        | Store away from incompatible materials.  |
| <b>Disposal</b>                       | Dispose of waste and residues in accordance with local authority requirements.   |
| <b>Supplemental label information</b> | Not applicable.  |
| <b>Other hazards</b>                  | None known.  |

### Section 3: Composition/information on ingredients

#### Mixture

##### General information

| Chemical name              | %   | CAS-No. / EC No.       | REACH Registration No. | INDEX No.    | Notes |
|----------------------------|---|------------------------|------------------------|--------------|-------|
| 2-(2-butoxyethoxy)-ethanol | 15 - 30   | 112-34-5<br>203-961-6  | -                      | 603-096-00-8 | #     |
| <b>Classification:</b>     | <b>DSD:</b> Xi;R36  |                        |                        |              |       |
|                            | <b>CLP:</b> Eye Irrit. 2;H319                                     |                        |                        |              |       |
| Magnesium sulphate         | 1 - 5   | 7487-88-9<br>231-298-2 | -                      | -            | #     |
| <b>Classification:</b>     | <b>DSD:</b> -   |                        |                        |              |       |
|                            | <b>CLP:</b> -   |                        |                        |              |       |
| Sodium octyl sulphate      | 1 - 5   | 142-31-4<br>205-535-5  | -                      | -            |       |
| <b>Classification:</b>     | <b>DSD:</b> Xi;R36/37/38  |                        |                        |              |       |
|                            | <b>CLP:</b> Skin Irrit. 2;H315, Eye Irrit. 2;H319, STOT SE 3;H335 |                        |                        |              |       |
| Water                      | Balance   | 7732-18-5<br>231-791-2 | -                      | -            |       |
| <b>Classification:</b>     | <b>DSD:</b> -   |                        |                        |              |       |
|                            | <b>CLP:</b> -   |                        |                        |              |       |

#: This substance has workplace exposure limit(s).  
 CLP: Regulation No. 1272/2008.  
 DSD: Directive 67/548/EEC.

**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-phrases is displayed in Section 16.

### Section 4: First aid measures

#### Description of first aid measures

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Move injured person into fresh air and keep person calm under observation. Get medical attention, if needed.  |
| <b>Skin contact</b> | Wash the skin immediately with soap and water. Get medical attention if irritation develops and persists.   |
| <b>Eye contact</b>  | 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.   |
| <b>Ingestion</b>    | Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions. Only induce vomiting at the instruction of medical personnel. |

**Most important symptoms and effects, both acute and delayed** Symptoms can include irritation, redness, scratching of the cornea, and tearing. Prolonged or repeated skin contact may cause drying, cracking, or irritation. 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

|  |   |
|--|---|
| <b>General fire hazards</b>                                  | Product is an extinguishing medium. It does not burn or support combustion.   |
| <b>Extinguishing media</b>                                   |   |
| <b>Suitable extinguishing media</b>                          | No specific measures are required as this product is a fire extinguishing medium.   |
| <b>Unsuitable extinguishing media</b>                        | Not applicable.   |
| <b>Special hazards arising from the substance or mixture</b> | Not a fire hazard.  |
| <b>Advice for firefighters</b>                               |   |
| <b>Special protective equipment for firefighters</b>         | Self-contained breathing apparatus, operated in positive pressure mode and full protective clothing must be worn in case of fire. |
| <b>Special firefighting procedures</b>                       | No specific precautions.  |

## Section 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

|                                    |  |
|------------------------------------|--|
| <b>For non-emergency personnel</b> | 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. |
| <b>For emergency responders</b>    | Use personal protection recommended in section 8 of the SDS.   |

**Environmental precautions** For large (industrial) releases, prevent spill from entering a waterway.

**Methods and material for containment and cleaning up** 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. Read and follow manufacturer's recommendations. Store away from incompatible materials.

**Specific end use(s)** Fire fighting foam concentrate.

## Section 8: Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

##### Austria. MAK List

| Components                               | Type | Value                           |
|--|------|---------------------------------|
| 2-(2-butoxyethoxy)-ethanol<br>(112-34-5) | MAK  | 97,5 mg/m3                      |
|  | STEL | 10 ppm<br>101,2 mg/m3<br>15 ppm |

##### Belgium. Exposure Limit Values.

| Components                               | Type | Value                          |
|--|------|--------------------------------|
| 2-(2-butoxyethoxy)-ethanol<br>(112-34-5) | STEL | 101,2 mg/m3                    |
|  | TWA  | 15 ppm<br>67,5 mg/m3<br>10 ppm |

##### Czech Republic. OELs. Government Decree 361

| Components                               | Type    | Value     |
|--|---------|-----------|
| 2-(2-butoxyethoxy)-ethanol<br>(112-34-5) | Ceiling | 100 mg/m3 |
|  | TWA     | 70 mg/m3  |

**France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984**

| Components                               | Type | Value                                      |
|--|------|--|
| 2-(2-butoxyethoxy)-ethanol<br>(112-34-5) | VLE  | 101,2 mg/m <sup>3</sup>                    |
|  | VME  | 15 ppm<br>67,5 mg/m <sup>3</sup><br>10 ppm |

**Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace**

| Components                               | Type | Value                 |
|--|------|-----------------------|
| 2-(2-butoxyethoxy)-ethanol<br>(112-34-5) | AGW  | 100 mg/m <sup>3</sup> |

**Italy. OELs**

| Components                               | Type | Value                                      |
|--|------|--|
| 2-(2-butoxyethoxy)-ethanol<br>(112-34-5) | STEL | 101,2 mg/m <sup>3</sup>                    |
|  | TWA  | 15 ppm<br>67,5 mg/m <sup>3</sup><br>10 ppm |

**Netherlands. OELs (binding)**

| Components                               | Type | Value                 |
|--|------|-----------------------|
| 2-(2-butoxyethoxy)-ethanol<br>(112-34-5) | STEL | 100 mg/m <sup>3</sup> |
|  | TWA  | 50 mg/m <sup>3</sup>  |

**Norway. Administrative Norms for Contaminants in the Workplace**

| Components                               | Type | Value                          |
|--|------|--------------------------------|
| 2-(2-butoxyethoxy)-ethanol<br>(112-34-5) | TLV  | 10 ppm<br>68 mg/m <sup>3</sup> |

**Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in Working Environment**

| Components                               | Type | Value                 |
|--|------|-----------------------|
| 2-(2-butoxyethoxy)-ethanol<br>(112-34-5) | STEL | 100 mg/m <sup>3</sup> |
|  | TWA  | 67 mg/m <sup>3</sup>  |

**Hygiene Norm GN 2.2.5.2439-09. Maximum allowable concentration (MAC) of harmful substances in the air of working zones. Executive No. 76 of 30 april 2006. Including Appendixes No.1, 2, 3 and 4.**

| Components                               | Type    | Value                | Form    |
|--|---------|----------------------|---------|
| 2-(2-butoxyethoxy)-ethanol<br>(112-34-5) | Ceiling | 10 mg/m <sup>3</sup> | Aerosol |
| Magnesium sulphate<br>(7487-88-9)        | Ceiling | 2 mg/m <sup>3</sup>  | Aerosol |

**Spain. Occupational Exposure Limits**

| Components                               | Type | Value                                      |
|--|------|--|
| 2-(2-butoxyethoxy)-ethanol<br>(112-34-5) | STEL | 101,2 mg/m <sup>3</sup>                    |
|  | TWA  | 15 ppm<br>67,5 mg/m <sup>3</sup><br>10 ppm |

**Sweden. Occupational Exposure Limit Values**

| Components                               | Type | Value                                     |
|--|------|---|
| 2-(2-butoxyethoxy)-ethanol<br>(112-34-5) | STEL | 200 mg/m <sup>3</sup>                     |
|  | TWA  | 30 ppm<br>100 mg/m <sup>3</sup><br>15 ppm |

## Switzerland. SUVA Grenzwerte am Arbeitsplatz

| Components                               | Type | Value                                    |
|--|------|--|
| 2-(2-butoxyethoxy)-ethanol<br>(112-34-5) | STEL | 101,2 mg/m <sup>3</sup>                  |
|  | TWA  | 15 ppm<br>67 mg/m <sup>3</sup><br>10 ppm |

## UK. EH40 Workplace Exposure Limits (WELs)

| Components                               | Type | Value                                      |
|--|------|--|
| 2-(2-butoxyethoxy)-ethanol<br>(112-34-5) | STEL | 101,2 mg/m <sup>3</sup>                    |
|  | TWA  | 15 ppm<br>67,5 mg/m <sup>3</sup><br>10 ppm |

|  |   |
|--|---|
| <b>Recommended monitoring procedures</b>                                     | Follow standard monitoring procedures.  |
| <b>DNEL</b>  | Not available.  |
| <b>PNEC</b>  | Not available.  |
| <b>Exposure controls</b>   |   |
| <b>Appropriate engineering controls</b>                                      | Ensure adequate ventilation, especially in confined areas. Observe occupational exposure limits and minimise the risk of exposure.                      |
| <b>Individual protection measures, such as personal protective equipment</b> |   |
| <b>General information</b>   | Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. |
| <b>Eye/face protection</b>   | Wear approved safety goggles.   |
| <b>Skin protection</b>   |   |
| <b>- Hand protection</b>   | Wear suitable gloves. Butyl rubber gloves are recommended. Suitable gloves can be recommended by the glove supplier.                                    |
| <b>- Other</b>   | Wear suitable protective clothing.  |
| <b>Respiratory protection</b>  | In case of inadequate ventilation: Use respiratory equipment with combination filter, type A2/P2.   |
| <b>Thermal hazards</b>   | Wear appropriate thermal protective clothing, when necessary.   |
| <b>Hygiene measures</b>  | Handle in accordance with good industrial hygiene and safety practices. Routinely wash work clothing and protective equipment to remove contaminants.   |
| <b>Environmental exposure controls</b>                                       | Contain spills and prevent releases and observe national regulations on emissions. Environmental manager must be informed of all major spillages.       |

## Section 9: Physical and chemical properties

### Information on basic physical and chemical properties

|  |                             |
|--|-----------------------------|
| <b>Physical state</b>  | Liquid.                     |
| <b>Form</b>  | Liquid.                     |
| <b>Colour</b>  | Clear pale yellow.          |
| <b>Odour</b>   | Organic.                    |
| <b>Odour threshold</b>   | Not available.              |
| <b>pH</b>  | 6,5 - 8 at 20 °C            |
| <b>Melting point/freezing point</b>                            | -3 °C (26,6 °F)             |
| <b>Boiling point, initial boiling point, and boiling range</b> | 100 °C (212 °F) at 760 mmHg |
| <b>Flash point</b>   | > 98 °C (> 208,4 °F)        |
| <b>Auto-ignition temperature</b>                               | Not applicable.             |
| <b>Flammability (solid, gas)</b>                               | Not available.              |
| <b>Flammability limit - lower (%)</b>                          | Not applicable.             |
| <b>Flammability limit - upper (%)</b>                          | Not applicable.             |
| <b>Oxidising properties</b>                                    | Not applicable.             |
| <b>Explosive properties</b>                                    | Not applicable.             |
| <b>Explosive limit</b>   | Not applicable.             |

|  |   |
|--|---|
| <b>Vapour pressure</b>                         | Not applicable.                               |
| <b>Vapour density</b>                          | Not applicable.                               |
| <b>Evaporation rate</b>                        | Not applicable.                               |
| <b>Relative density</b>                        | 1,02  |
| <b>Solubility (water)</b>                      | Not available.                                |
| <b>Partition coefficient (n-octanol/water)</b> | No data available.                            |
| <b>Decomposition temperature</b>               | Not available.                                |
| <b>Viscosity</b>                               | 3 cSt   |
| <b>Percent volatile</b>                        | Not available.                                |
| <b>Other data</b>                              |   |
| <b>Flammability</b>                            | Not applicable.                               |
| <b>Other information</b>                       | No relevant additional information available. |

## Section 10: Stability and reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | The product is stable and non reactive under normal conditions of use, storage and transport.      |
| <b>Chemical stability</b>                 | Stable at normal conditions.   |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerisation does not occur.   |
| <b>Conditions to avoid</b>                | Contact with incompatible materials. Excessive heat. Freezing (Product properties are unaffected). |
| <b>Incompatible materials</b>             | Alkali metals. Strong oxidising agents. Water reactive materials.                                  |
| <b>Hazardous decomposition products</b>   | Carbon oxides. Sulphur oxides. Hydrogen fluoride. Nitrogen oxides (NOx). Magnesium 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

|                     |   |
|---------------------|---|
| <b>Ingestion</b>    | May be absorbed in the body and cause dizziness, nausea and vomiting. |
| <b>Inhalation</b>   | May cause respiratory tract irritation.                               |
| <b>Skin contact</b> | May cause skin irritation.  |
| <b>Eye contact</b>  | Causes serious eye irritation.  |

**Symptoms** Symptoms include itching, burning, redness, and tearing of eyes. Symptoms may include redness, drying and cracking of the skin.

### Information on toxicological effects

**Acute toxicity** Causes eye irritation. May cause skin and respiratory tract irritation.

### Components

2-(2-butoxyethoxy)-ethanol (112-34-5)

### Test results

Acute Dermal LD50 Rabbit: 2700 mg/kg  
Acute Oral LD50 Rat: 4500 mg/kg

|   |                                |
|---|--------------------------------|
| <b>Skin corrosion/irritation</b>                          | May cause skin irritation.     |
| <b>Serious eye damage/eye irritation</b>                  | Causes serious eye irritation. |
| <b>Respiratory sensitisation</b>                          | No data available.             |
| <b>Skin sensitisation</b>                                 | Not a skin sensitiser.         |
| <b>Germ cell mutagenicity</b>                             | No data available.             |
| <b>Carcinogenicity</b>                                    | No data available.             |
| <b>Reproductive toxicity</b>                              | No data available.             |
| <b>Specific target organ toxicity - single exposure</b>   | No data available.             |
| <b>Specific target organ toxicity - repeated exposure</b> | No data available.             |
| <b>Aspiration hazard</b>                                  | No data available.             |
| <b>Mixture versus substance information</b>               | None known.                    |

**Section 12: Ecological information****Toxicity**

| <b>Product</b>                 | <b>Test results</b>  |
|--------------------------------|--|
| Tridol S3 (Mixture)            | EC50 Water flea (Daphnia magna): 681 ppm 24 Hours<br>EC50 Water flea (Daphnia magna): 147 ppm 48 Hours<br>LC50 Rainbow trout, donaldson trout (Oncorhynchus mykiss): 390 ppm 24 Hours<br>LC50 Rainbow trout, donaldson trout (Oncorhynchus mykiss): > 560 ppm 3 Hours<br>LC50 Rainbow trout, donaldson trout (Oncorhynchus mykiss): 390 ppm 48 Hours<br>LC50 Rainbow trout, donaldson trout (Oncorhynchus mykiss): > 560 ppm 6 Hours<br>LC50 Rainbow trout, donaldson trout (Oncorhynchus mykiss): 390 ppm 72 Hours<br>LC50 Rainbow trout, donaldson trout (Oncorhynchus mykiss): 390 ppm 96 Hours |
| <b>Components</b>              | <b>Test results</b>  |
| Magnesium sulphate (7487-88-9) | EC50 Tubificid worm (Tubifex tubifex): 149,6 - 191,36 mg/l 48 hours<br>LC50 Fathead minnow (Pimephales promelas): 2610 - 3080 mg/l 96 hours  |

|   |  |
|---|--|
| <b>Persistence and degradability</b>              | The product is biodegradable. COD: 0,65 gg-1 BOD: 34% / 5 days.  |
| <b>Bioaccumulative potential</b>                  | The product is not expected to bioaccumulate.  |
| <b>Mobility</b>                                   | The product is water soluble and may spread in water systems.  |
| <b>Environmental fate - Partition coefficient</b> | No data available.   |
| <b>Mobility in soil</b>                           | No data available.   |
| <b>Results of PBT and vPvB assessment</b>         | Not a PBT or vPvB substance or mixture.  |
| <b>Other adverse effects</b>                      | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |

**Section 13: Disposal considerations****Waste treatment methods**

|                                     |   |
|-------------------------------------|---|
| <b>Residual waste</b>               | Dispose of waste and residues in accordance with local authority requirements.  |
| <b>Contaminated packaging</b>       | Dispose of in accordance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal. |
| <b>EU waste code</b>                | 16 03 05* Waste codes should be assigned by the user based on the application for which the product was used.                                   |
| <b>Disposal methods/information</b> | 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 the IBC Code** No information available.

## 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**

Not listed.

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

Not listed.

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

Not listed.

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

Not listed.

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

Not listed.

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

Not available.

#### 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

US. IARC Monographs on Occupational Exposures to Chemical Agents  
EPA: Acquire database  
NLM: Hazardous Substances Data Base  
ACGIH

#### 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.  
R36/37/38 Irritating to eyes, respiratory system and skin.

H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H335 - May cause respiratory 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.