

## 1. IDENTIFICATION OF THE SUBSTRATE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Trade name/designation: Alumasc Bitumen Primer.

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

Relevant identified uses: A bitumen-based primer, brushed/sprayed onto surfaces to aid adhesion.

### 1.3 Supplier details

Alumasc Building Products Ltd  
White House Works, Bold Road, Sutton, St Helens, Merseyside, United Kingdom, WA9 4JG  
Tel: +44 (0)1744 648400  
e-mail: [technical@alumascroofing.com](mailto:technical@alumascroofing.com)

### 1.4 Emergency telephone number

Association / Organisation: National Poisons Information Service  
Emergency telephone numbers: 0344 892 0111 (Healthcare professionals only)  
Other emergency telephone numbers: Alumasc Building Products: +44 17 4464 8400  
(Mon-Thurs – 08.30-17.00 Fri – 08.30-16.00)

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Considered a hazardous mixture according to Reg. (EC) No 1272/2008 and their amendments. Classified as Dangerous Goods for transport purposes.**

#### Classification according to Regulation (EC) No. 1272/2008 [CLP][1]:

Product name: Bitumen Primer  
Contains:  
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics.

#### Legend:

1. Classified by Chemwatch; 2. Classification drawn from GB-CLP Regulation, UK SI 2019/720 and UK SI 2020/1567.

### 2.2 Label elements

Hazard pictures:



Signal word:

**DANGER**

Hazard statements:

H226: Flammable liquid and vapour.  
H304: May be fatal if swallowed and enters airways.  
H336: May cause drowsiness or dizziness.

Supplementary statements:  
cracking.

EUH066: Repeated exposure may cause skin dryness or

Precautionary statements prevention: P101: If medical advice is needed, have product container or label at hand.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P243: Take action to prevent static discharges.  
P261: Avoid breathing vapours.  
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Precautionary statements disposal: P501: Dispose of contents/container to an authorised hazardous or special waste collection point in accordance with any local regulation.

## 2.3 Other hazards

None Known

## 3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

### 3.1 Substances

See 'composition on ingredients' in Section 3.2.

### 3.2 Mixtures

| Chemical identity of the substance                                   | %W/W    | CAS No.    | EC No.    | UK-REACH Registration No.            | Hazard classification                                      |
|----------------------------------------------------------------------|---------|------------|-----------|--------------------------------------|------------------------------------------------------------|
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 55 - 65 | 64742-48-9 | 919-857-5 | Not yet assigned in the supply chain | Flam. Liq. 3; H226<br>STOT SE 3; H336<br>Asp. Tox. 1; H304 |

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

|                                    |                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Self-protection of the first aider | Use personal protective equipment as required. Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Avoid breathing vapours. Do not taste or swallow. Avoid contact with skin, eyes or clothing. Contaminated clothing should be laundered before reuse.                                                                                    |
| Inhalation                         | IF INHALED: Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. IF exposed or concerned: Get medical advice/attention. |
| Skin contact                       | IF ON SKIN: Wash skin with soap and water. Remove contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.                                                                                                                                                                                                        |
| Eye contact                        | 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.                                                                                                                                                                                                |
| Ingestion                          | IF SWALLOWED: Wash out mouth with water and give small quantities of water to drink. Do not induce vomiting because of risk of aspiration into the lungs. If vomiting occurs spontaneously, keep head below hips to prevent aspiration into the lungs. Do not give anything by mouth to an unconscious person. Immediately call a POISON CENTER/doctor/....                               |

### 4.2 Most important symptoms and effects, both acute and delayed

Repeated exposure may cause skin dryness or cracking. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.

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

Treat symptomatically.

Notes to a physician if swallowed: Material may be aspirated into the lungs and cause chemical pneumonitis.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media: As appropriate for surrounding fire. Extinguish with carbon dioxide, dry chemical, foam or water spray and sand.

Unsuitable extinguishing media: Do not use water jet. Direct water jet may spread the fire. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

### 5.2 Special hazards arising from the substance or mixture

Flammable liquid and vapour. May decompose in a fire giving off toxic fumes. Carbon monoxide, Carbon dioxide, organic and inorganic compounds. If sulphur compounds are present in appreciable amounts, combustion products may include also H<sub>2</sub>S and SO<sub>x</sub> (sulphur oxides) or sulfuric acid.

### 5.3 Advice for fire-fighters

Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Stop leak if safe to do so. Eliminate all ignition sources if safe to do so. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take action to prevent static discharges. Use non-sparking tools. Use personal protective equipment as required. Avoid breathing vapours. Do not taste or swallow. Avoid contact with skin, eyes or clothing. See Section: 8.

### 6.2 Environmental precautions

Avoid release to the environment. Do not allow to enter drains, sewers or water courses.

### 6.3 Methods and material for containment and cleaning up

Use non-sparking equipment when picking up flammable spill. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Ventilate the area and wash spill site after material pick-up is complete. Dispose of this material and its container as hazardous waste.

### 6.4 Reference to other sections

See Section: 8, 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ensure operatives are trained to minimise exposures. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Ensure adequate ventilation. Avoid breathing vapours. Do not taste or swallow. Avoid contact with skin, eyes or clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. May form explosive peroxides. Take action to prevent static discharges. Use personal protective equipment as required. Ground and bond container and receiving equipment. See Section: 8. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

### 7.2 Conditions for safe storage, including any incompatibilities

Ground/bond container and receiving equipment. Keep only in original container. Store in a well-ventilated place. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from direct sunlight.

Storage temperature: Ambient temperatures.  
Incompatible materials: Strong oxidising agents.

### 7.3 Specific end uses(s)

See Section 1.2.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

|       |                              |                  |
|-------|------------------------------|------------------|
| 8.1.1 | Occupational exposure limits | Not established. |
| 8.1.2 | Biological limit value       | Not established. |
| 8.1.3 | PNECs and DNELs              | Not established. |

### 8.2 Exposure controls

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8.2.1 Appropriate engineering controls: | Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present. Ground and bond container and receiving equipment. Take action to prevent static discharges. Use non-sparking tools.                                                                                                                                                                                             |
| 8.2.2 Personal protection:              |                                                                                                                                                                                                                                                                                                                                            |
| Eye and face protection:                | Wear protective eye glasses for protection against liquid splashes. Wear eye protection with side protection (EN166).                                                                                                                                                                                                                                                                                                        |
| Hands/feet protection:                  | Wear impervious gloves (EN374). Protective index 6, corresponding > 480 minutes of permeation time according to EN 374. Gloves should be changed regularly to avoid permeation problems. Breakthrough time of the glove material: refer to the information provided by the gloves' producer.                                                                                                                                 |
| Body protection:                        | Wear impervious protective clothing, including boots, lab coat, apron or coveralls, as appropriate, to prevent skin contact.                                                                                                                                                                                                                                                                                                 |
| Other protection:                       | Overalls.<br>PVC Apron.<br>PVC protective suit may be required if exposure severe.<br>Some plastic personal protective equipment (PPE) (e.g. gloves, aprons, overshoes) are not recommended as they may produce static electricity.<br>For large scale or continuous use wear tight-weave non-static clothing (no metallic fasteners, cuffs or pockets).<br>Non sparking safety or conductive footwear should be considered. |
| Respiratory protection:                 | In case of inadequate ventilation wear respiratory protection. A suitable mask with filter type A (EN141 or EN405) may be appropriate.                                                                                                                                                                                                                                                                                       |

#### 8.2.3. Environmental exposure controls

Avoid release to the environment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Important health, safety and environmental information

|                                                      |                    |                                               |                   |
|------------------------------------------------------|--------------------|-----------------------------------------------|-------------------|
| <b>Appearance:</b>                                   | Black              | <b>Relative density (Water = 1):</b>          | 0.916 g/cm³       |
| <b>Physical state:</b>                               | Liquid             | <b>Partition coefficient n-octanol/water:</b> | No data available |
| <b>Odour:</b>                                        | Characteristic     | <b>Auto-ignition temperature (°C):</b>        | No data available |
| <b>Odour threshold:</b>                              | Not available      | <b>Decomposition temperature:</b>             | No data available |
| <b>pH (as supplied):</b>                             | Not available      | <b>Viscosity (cSt):</b>                       | 0,04 mPa*s        |
| <b>Melting point/freezing point (°C):</b>            | No data available  | <b>Molecular weight (g/mol):</b>              | No data available |
| <b>Initial boiling point and boiling range (°C):</b> | No data available  | <b>Taste:</b>                                 | No data available |
| <b>Flash point (°C):</b>                             | 39°C               | <b>Explosive properties:</b>                  | No data available |
| <b>Evaporation rate:</b>                             | No data available  | <b>Oxidising properties:</b>                  | No data available |
| <b>Flammability:</b>                                 | Flammable liquid   | <b>Surface Tension (dyn/cm or mN/m):</b>      | No data available |
| <b>Upper Explosive Limit (%):</b>                    | No data available  | <b>Volatile Component (%vol):</b>             | No data available |
| <b>Lower Explosive Limit (%):</b>                    | No data available  | <b>Gas group:</b>                             | No data available |
| <b>Vapour pressure (kPa):</b>                        | No data available  | <b>pH as a solution (1%):</b>                 | No data available |
| <b>Solubility in water:</b>                          | Insoluble in water | <b>VOC g/L:</b>                               | 450 g/L           |
| <b>Vapour density (Air = 1):</b>                     | No data available  | <b>Nanoform Particle Characteristics</b>      | No data available |
| <b>Nanoform Solubility</b>                           | No data available  |                                               |                   |
| <b>Particle Size</b>                                 | No data available  |                                               |                   |

### 9.2 Other information

Not available.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under normal conditions.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Stable under normal conditions.

### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from direct sunlight.

### 10.5 Incompatible materials

Strong oxidising agents.

### 10.6 Hazardous decomposition products

May decompose in a fire giving off toxic fumes. Carbon monoxide, Carbon dioxide, organic and inorganic compounds. If sulphur compounds are present in appreciable amounts, combustion products may include also H<sub>2</sub>S and SO<sub>x</sub> (sulphur oxides) or sulfuric acid.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

|                                                                     |                                                                                                                                                                   |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Acute toxicity - Ingestion</b>                                   | Mixture: Based upon the available data, the classification criteria are not met.<br>Acute Toxicity Estimate Mixture Calculation: LD50 (oral,rat) mg/kg: > 5,000   |
| <b>Acute toxicity - Inhalation</b>                                  | Mixture: Based upon the available data, the classification criteria are not met.<br>Acute Toxicity Estimate Mixture Calculation: LC50 (rat) mg/m³ > 94,4          |
| <b>Acute toxicity - Skin contact</b>                                | Mixture: Based upon the available data, the classification criteria are not met.<br>Acute Toxicity Estimate Mixture Calculation: LD50 (skin,rabbit) mg/kg: >2,000 |
| <b>Skin corrosion/irritation</b>                                    | Mixture: Based upon the available data, the classification criteria are not met.                                                                                  |
| <b>Serious eye damage/irritation</b>                                | Mixture: Based upon the available data, the classification criteria are not met.                                                                                  |
| <b>Respiratory or skin sensitisation</b>                            | Mixture: Based upon the available data, the classification criteria are not met.                                                                                  |
| <b>Germ cell mutagenicity</b>                                       | Mixture: Based upon the available data, the classification criteria are not met.                                                                                  |
| <b>Carcinogenicity</b>                                              | Mixture: Based upon the available data, the classification criteria are not met.                                                                                  |
| <b>Reproductive toxicity</b>                                        | Mixture: Based upon the available data, the classification criteria are not met.                                                                                  |
| <b>STOT - single exposure</b>                                       | Mixture: STOT SE 3: H336: May cause drowsiness or dizziness.                                                                                                      |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics | STOT SE 3: H336: May cause drowsiness or dizziness.<br>ECHA registration dossier                                                                                  |
| <b>STOT - Repeated Exposure</b>                                     | Mixture: Based upon the available data, the classification criteria are not met.                                                                                  |
| <b>Aspiration hazard</b>                                            | Mixture: Asp. Tox. 1: May be fatal if swallowed and enters airways.                                                                                               |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics | Asp. Tox. 1: May be fatal if swallowed and enters airways.<br>ECHA registration dossier                                                                           |

### 11.2. Other Information

None Known

## 12. ECOLOGICAL INFORMATION

|                                                                                                                  |                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>12.1 Toxicity</b>                                                                                             | Mixture: Based upon the available data, the classification criteria are not met.<br>Estimated LC50 (Mixture): > 100 mg/l.                                     |
| <b>12.2 Persistence and degradability</b><br>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics | No data for the mixture as a whole.<br>Biodegradable.<br>71% in 28 days (OECD 301F) (Unnamed publication, 2014).                                              |
| <b>12.3 Bioaccumulative potential</b><br>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics     | No data for the mixture as a whole.<br>The substance has potential for bioaccumulation.<br>BCF >= 30.85 <= 2,626.13 L/kg (BCFBAF v3.01, 2012).                |
| <b>12.4 Mobility in soil</b><br>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics              | No data for the mixture as a whole.<br>The substance is predicted to have low mobility in soil.<br>Koc >= 465.69 <= 140184.50 L/kg (Schüürmann et al., 2006). |
| <b>12.5 Results of PBT and vPvB assessment</b>                                                                   | Not classified as PBT or vPvB.                                                                                                                                |
| <b>12.6 Other adverse effects</b>                                                                                | None known.                                                                                                                                                   |

### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal Considerations:</b>           | Disposal of this product and its packaging must comply with all applicable environmental protection and waste disposal legislation, including any requirements set by local authorities.<br><br>Any unwanted or non-recyclable material should be disposed of through a licensed waste disposal contractor. Transportation of such waste may be subject to ADR (International Carriage of Dangerous Goods by Road) regulations and must be managed in accordance with those requirements. |
| <b>Waste code:</b>                        | <b>Uncured product:</b> 08 01 11* waste paint and varnish containing organic solvents or other hazardous substances.<br><br><b>Cured product inert residue:</b> 17 09 04 mixed construction and demolition waste other than those mentioned in 17 09 01, 17 09 02 and 17 09 03.<br><br><b>Empty metal paint tins with only hardened inert residue:</b> 15 01 04 metallic packaging                                                                                                        |
| <b>Special precautions:</b>               | This material and its container must be disposed of in a safe way. Caution should be exercised when handling empty containers that have not been properly cleaned or rinsed, as they may retain hazardous residues. Spillage and wash water from cleaning tools must be prevented from entering soil, watercourses, drains, or sewer systems. Empty containers should be directed to authorised waste disposal or appropriate local recycling facilities.                                 |
| <b>Further information available via:</b> | <a href="https://www.alumascroofing.com/downloads/disposal-guides/">https://www.alumascroofing.com/downloads/disposal-guides/</a><br>                                                                                                                                                                                                                                                                  |

### 14. TRANSPORT INFORMATION

#### Labels required:



#### Land transport (ADR):

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN number                    | 1263           |
| 14.2 UN proper shipping name      | PAINT          |
| 14.3 Transport hazard class(es)   | Class: 3       |
| 14.4 Packing group                | III            |
| 14.5 Environmental hazard         | Not classified |
| 14.6 Special precautions for user | See Section: 2 |

#### Air transport (ICAO-IATA/DGR):

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN number                    | 1263           |
| 14.2 UN proper shipping name      | PAINT          |
| 14.3 Transport hazard class(es)   | Class: 3       |
| 14.4 Packing group                | III            |
| 14.5 Environmental hazard         | Not classified |
| 14.6 Special precautions for user | See Section: 2 |

#### Sea transport (IMDG-Code/GGVSee):

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| 14.1 UN number                    | 1263                                  |
| 14.2 UN proper shipping name      | PAINT                                 |
| 14.3 Transport hazard class(es)   | Class: 3                              |
| 14.4 Packing group                | III                                   |
| 14.5 Environmental hazard         | Not classified as a Marine Pollutant. |
| 14.6 Special precautions for user | See Section: 2                        |

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC code

Not applicable.

### 15. REGULATORY INFORMATION

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

##### 15.1.1

|                                                      |                                                                                                                                         |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| EU regulations                                       | Not restricted                                                                                                                          |
| Authorisations and/or restrictions on use            | This product does not contain any known "substances of very high concern" (SVHC's)                                                      |
| Substance(s) of Very High Concern (SVHCs)            | Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from risks related to chemical agents at work. |
| To follow:                                           |                                                                                                                                         |
| GB regulations                                       |                                                                                                                                         |
| Grandfathered registrations notified substances list | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics: Listed Asphalt, oxidized: Listed                                  |

##### 15.1.2 National regulations

|                                  |                           |
|----------------------------------|---------------------------|
| Germany Water hazard class (WGK) | Water hazard class: WGK 1 |
|----------------------------------|---------------------------|

##### 15.2 Chemical Safety Assessment

A chemical safety assessment is not required under REACH.

### 16. OTHER INFORMATION

#### SDS version summary:

| Version | Date of Update | Section Updated   |
|---------|----------------|-------------------|
| 4.0     | 02/10/2023     | Template Change   |
| 4.1     | 27/05/2025     | Section 13 update |
| 5.0     | 03/02/2026     | New supplier SDS  |

The following sections contain revisions or new statements: 1 – 16. Please review SDS with care.

#### References:

Existing Safety Data Sheet (SDS)  
Existing ECHA registration(s) for Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (CAS No. 64742-48-9).

#### Literature References:

1. Meylan, WM, Howard, PH, Boethling, RS et al. 1999. Improved Method for Estimating Bioconcentration / Bioaccumulation Factor from Octanol/Water Partition Coefficient. Environ. Toxicol. Chem. 18(4): 664-672 (1999).
2. Schüürmann G, Ebert RU, Kühne R. Prediction of the sorption of organic compounds into soil organic matter from molecular structure. Environ Sci Technol. 2006 Nov 15;40(22):7005-11. doi: 10.1021/es060152f. PMID: 17154008.

Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830.

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758.

| Classification of the substance or mixture.<br>The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain | Classification procedure              |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| Flam. Liq. 3; H226                                                                                                         | Flash point (°C) / Boiling Point (°C) |
| STOT SE 3; H336                                                                                                            | Threshold Calculation                 |
| Asp. Tox. 1; H304                                                                                                          | Threshold Calculation                 |
| EUH066                                                                                                                     | Expert judgement                      |

#### Legend

|       |                                                                                                    |
|-------|----------------------------------------------------------------------------------------------------|
| ADR   | ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road           |
| CLP   | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures |
| DNEL  | Derived no effect level                                                                            |
| IATA  | IATA: International Air Transport Association                                                      |
| ICAO  | ICAO: International Civil Aviation Organization                                                    |
| IMDG  | IMDG: International Maritime Dangerous Goods                                                       |
| LTEL  | Long term exposure limit                                                                           |
| PBT   | PBT: Persistent, Bioaccumulative and Toxic                                                         |
| PNEC  | Predicted No Effect Concentration                                                                  |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals                               |
| RID   | RID: Regulations concerning the international railway transport of dangerous goods                 |
| STEL  | Short term exposure limit                                                                          |
| vPvB  | vPvB: very Persistent and very Bioaccumulative                                                     |

#### Hazard classification / Classification code:

Flam. Liq. 3; Flammable liquid, Category 3  
STOT SE 3; Specific target organ toxicity —  
single exposure, Category 3  
Asp. Tox. 1; Aspiration Toxicity, Category 1

#### Hazard Statement(s)

EUH066: Repeated exposure may cause skin dryness or cracking.  
H226: Flammable liquid and vapour.  
H336: May cause drowsiness or dizziness.  
  
H304: May be fatal if swallowed and enters airways.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

The contents and format of this SDS are in accordance with EEC Commission Directive 1999/45/EC, 67/548/EC, 1272/2008/EC and EEC Commission Regulation 1907/2006/EC (REACH) Annex II.

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