

# SAFETY DATA SHEET ARBOSIL LM - Colours

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

## 1.1. Product identifier

Product name ARBOSIL LM - Colours

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

Identified uses Sealant.

## 1.3. Details of the supplier of the safety data sheet

Supplier Adshead Ratcliffe & Co. Ltd.

Derby Road, Belper

Derbyshire. DE56 1WJ

Tel. (+44) 01773 826661 Fax. (+44) 01773 821215 sds@arbo.co.uk

## 1.4. Emergency telephone number

(+44) 01773 826661 (office hours only)

## **SECTION 2: HAZARDS IDENTIFICATION**

## 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.

Human health Skin Sens. 1 - H317

Environment Not classified.

Classification (1999/45/EEC) R43.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## 2.2. Label elements

Contains METHYL-0,0',0"-BUTAN-2-ONE-TRIOXIMOSILANE

Label In Accordance With (EC) No. 1272/2008



Signal Word Warning

Hazard Statements

H317 May cause an allergic skin reaction.

**Precautionary Statements** 

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Supplementary Precautionary Statements

P272 Contaminated work clothing should not be allowed out of the workplace.

P261 Avoid breathing vapour/spray.

P321 Specific treatment (see medical advice on this label).
P302+352 IF ON SKIN: Wash with plenty of soap and water.

P333+313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container to ...

#### 2.3. Other hazards

## **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

## 3.2. Mixtures

METHYL-0,0',0"-BUTAN-2-ONE-TRIOXIMOSILANE 1 - 5%

Classification (EC 1272/2008) Classification (67/548/EEC)

 Skin Irrit. 2 - H315
 Xi;R36/38.

 Eye Irrit. 2 - H319
 R43.

 Skin Sens. 1 - H317

3-(2-AMINOETHYLAMINO)-PROPYLTRIMETHOXYSILANE

< 1%

CAS-No.: 1760-24-3 EC No.: 217-164-6

Classification (EC 1272/2008) Classification (67/548/EEC)

 Acute Tox. 4 - H332
 Xn;R20.

 Eye Dam. 1 - H318
 Xi;R41.

 Skin Sens. 1 - H317
 N;R51/53.

 Aquatic Chronic 2 - H411
 R43.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## **SECTION 4: FIRST AID MEASURES**

## 4.1. Description of first aid measures

General information

In all cases of doubt, or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation

Remove victim immediately from source of exposure. Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

Ingestion

Immediately rinse mouth and drink plenty of water (200-300 ml). Give milk instead of water if readily available. DO NOT induce vomiting. Get medical attention immediately.

Skin contact

Wipe off excess material with cloth or paper. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation

No specific symptoms noted.

Ingestion

May cause discomfort if swallowed.

Skin contact

Allergic rash.

Eye contact

May cause temporary eye irritation.

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

Treat Symptomatically.

## **SECTION 5: FIREFIGHTING MEASURES**

## 5.1. Extinguishing media

## **ARBOSIL LM - Colours**

Extinguishing media

Water spray, fog or mist. Foam, carbon dioxide or dry powder.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

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

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

In case of fire, toxic gases may be formed (COx, NOx).

## 5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Wear appropriate protective clothing. Avoid contact with eyes and skin.

## 6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

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

Collect in containers and seal securely. Clean any slippery coating that remains using a detergent / soap solution or other biodegradable cleaner.

#### 6.4. Reference to other sections

For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13.

## **SECTION 7: HANDLING AND STORAGE**

## 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Persons susceptible to allergic reactions should not handle this product. Observe good chemical hygiene practices.

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

Store in tightly closed original container in a dry, cool and well-ventilated place.

Storage Class

Unspecified storage.

## 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

**Usage Description** 

Gunnable sealant.

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1. Control parameters

Ingredient Comments

No exposure limits noted for ingredient(s).

## 8.2. Exposure controls

Protective equipment

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Engineering measures

Provide adequate general and local exhaust ventilation.

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided. Use of ABEK mask filter during prolonged exposure advised.

Hand protection

Use protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eve protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

## 9.1. Information on basic physical and chemical properties

Appearance Thixotropic paste.

Colour Misc. colours.

Odour Noticeable.

Solubility Insoluble in water

Initial boiling point and boiling range Not applicable.

(°C)

Melting point (°C) Not applicable. Relative density 1.28 @ 20"C Vapour density (air=1) Not applicable. Vapour pressure Not applicable. Evaporation rate Not applicable. **Evaporation Factor** Not applicable. pH-Value, Conc. Solution Not applicable. pH-Value, Diluted Solution Not applicable.

Viscosity 8000 - 10000 Ps @ 20°C

Solubility Value (G/100G Not applicable.

H2O@20°C)

Decomposition temperature (°C)

Odour Threshold, Lower

Odour Threshold, Upper

Not determined.

Not determined.

Not determined.

Not applicable.

Auto Ignition Temperature (°C) 430

Flammability Limit - Lower(%)

Flammability Limit - Upper(%)

Not applicable.

Partition Coefficient

Not applicable.

(N-Octanol/Water)

Explosive properties Not applicable.

Oxidising properties Not applicable.

## 9.2. Other information

None.

#### **SECTION 10: STABILITY AND REACTIVITY**

## 10.1. Reactivity

No specific reactivity hazards associated with this product.

# 10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Moisture curing process releases: a small amount of butanone-2-oxime (MEKO)

## 10.3. Possibility of hazardous reactions

Not known.

Hazardous Polymerisation

Will not polymerise.

## 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid contact with: Moisture

#### 10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances.

## 10.6. Hazardous decomposition products

In case of fire, toxic gases (CO, CO2, NOx) may be formed. Temperatures of ~ 150 C may generate: A small amount of formaldehyde, through oxidation.

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

#### 11.1. Information on toxicological effects

Toxic Dose 1 - LD 50

Methyl-0-0'-0"-butan-2-one-trioximosilane >1000 mg/kg (oral rat)

Toxic Conc. - LC 50

Methyl-0-0'-0"-butan-2-one-trioximosilane >50 mg/l/4h (inh-rat)

Toxicological information

Butanone-2-oxime (MEKO) is damaging to nasal membranes in rats and mice at a concentration in excess of 10ppm over a prolonged period of time.

#### Acute toxicity:

Based on available data the classification criteria are not met.

## Skin Corrosion/Irritation:

Based on available data the classification criteria are not met.

## Respiratory or skin sensitisation:

The product contains a small amount of a sensitising substance which may cause an allergic reaction in sensitive individuals.

# Germ cell mutagenicity:

Based on available data the classification criteria are not met.

## Carcinogenicity:

Based on available data the classification criteria are not met.

## Reproductive Toxicity:

Based on available data the classification criteria are not met.

#### Specific target organ toxicity - single exposure:

Not classified as a specific target organ toxicant after a single exposure.

# Specific target organ toxicity - repeated exposure:

Not classified as a specific target organ toxicant after repeated exposure.

## Aspiration hazard:

Not relevant, due to the form of the product.

#### Inhalation

No specific health warnings noted.

#### Ingestion

May cause discomfort if swallowed.

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Skin contact

May cause sensitisation by skin contact.

Eye contact

May cause irritation to eyes.

Health Warnings

Moisture curing process releases a small amount of butanone-2-oxime (MEKO) which can irritate skin and mucous membranes. Prolonged exposure to large quantities of MEKO may cause irreversible damage to health.

Route of entry

Skin and/or eye contact.

Medical Symptoms

Allergic rash.

**Medical Considerations** 

Skin disorders and allergies.

## **SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity** 

In cross-linked state not soluble in water. Easily separable from water by filtration.

## 12.1. Toxicity

There are no data for the product.

Acute Toxicity - Fish

LC50 96 hours MEKO 48 mg/l Lepomis macrochirus (Bluegill)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours MEKO 750 mg/l Daphnia magna

## 12.2. Persistence and degradability

Degradability

The product is not expected to be biodegradable.

## 12.3. Bioaccumulative potential

Bioaccumulative potential

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

Partition coefficient Not applicable.

## 12.4. Mobility in soil

Mobility:

The product is insoluble in water.

# 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

#### 12.6. Other adverse effects

None known.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

General information

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

## 13.1. Waste treatment methods

Confirm disposal procedures with environmental engineer and local regulations.

Waste Class

Recommended EWC Code 08 04 09\*

H13 - Sensitising

## **SECTION 14: TRANSPORT INFORMATION**

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

## 14.1. UN number

No information required.

## 14.2. UN proper shipping name

No information required.

## 14.3. Transport hazard class(es)

No information required.

#### 14.4. Packing group

No information required.

## 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

## 14.6. Special precautions for user

No information required.

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information required.

# **SECTION 15: REGULATORY INFORMATION**

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

**Guidance Notes** 

Workplace Exposure Limits EH40.

**EU** Legislation

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) 1907/2006 REACH. Regulation (EC) 1272/2008 CLP.

# 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## **SECTION 16: OTHER INFORMATION**

Revision Comments
Revised sections: 11,

 Revision Date
 11/12/13

 Supersedes date
 15/06/12

 SDS No.
 10136

Risk Phrases In Full

R20 Harmful by inhalation.
R36/38 Irritating to eyes and skin.

R43 May cause sensitisation by skin contact.

R41 Risk of serious damage to eyes.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H318 Causes serious eye damage.
H319 Causes serious eye irritation.

H315 Causes skin irritation. H332 Harmful if inhaled.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.



Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in a process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



# SAFETY DATA SHEET ARBOSIL LM TRANSLUCENT

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

# 1.1. Product identifier

Product name ARBOSIL LM TRANSLUCENT

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

Identified uses Sealant.

# 1.3. Details of the supplier of the safety data sheet

Supplier Adshead Ratcliffe & Co. Ltd.

Derby Road, Belper Derbyshire. DE56 1WJ

Tel. (+44) 01773 826661 Fax. (+44) 01773 821215 sds@arbo.co.uk

# 1.4. Emergency telephone number

(+44) 01773 826661 (office hours only)

## **SECTION 2: HAZARDS IDENTIFICATION**

## 2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Not classified.

Human health

Not considered as a health hazard under current legislation.

Environment

The product is not expected to be hazardous to the environment.

## 2.2. Label elements

Risk Phrases

NC Not classified.

Safety Phrases

P13 Safety data sheet available for professional user on request.

# 2.3. Other hazards

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

## 3.2. Mixtures

3-AMINOPROPYL (METHYL) SILSESQUIOXANES, ETHOXY TERMINATED

1 - 5%

CAS-No.: 128446-60-6 EC No.:

Classification (EC 1272/2008) Classification (67/548/EEC)

Flam. Liq. 3 - H226 Xi;R36/38. Skin Irrit. 2 - H315 R10. Eye Irrit. 2 - H319

1 - 5%

DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE; GASOIL - UNSPECIFIED

CAS-No.: 64742-46-7 EC No.: 265-148-2

Classification (EC 1272/2008) Classification (67/548/EEC)

EUH066 Xn;R65. Asp. Tox. 1 - H304 R66.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition Comments

Polydimethylsiloxane with fillers, auxiliaries. alkoxysilane crosslinking agent.

## **SECTION 4: FIRST AID MEASURES**

#### 4.1. Description of first aid measures

General information

In all cases of doubt, or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation

If inhalation causes adverse effects, remove to fresh air.

Ingestion

Immediately rinse mouth and drink plenty of water (200-300 ml). Give milk instead of water if readily available. Get medical attention if any discomfort continues.

Skin contact

Wipe off excess material with cloth or paper. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eve 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 any discomfort continues.

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

Inhalation.

No specific symptoms noted.

Ingestion

May cause discomfort if swallowed.

Skin contact

No specific symptoms noted.

Eye contact

May cause temporary eye irritation.

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

Treat Symptomatically.

## **SECTION 5: FIREFIGHTING MEASURES**

## 5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

None known.

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

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

In case of fire, toxic gases may be formed.

## 5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid breathing fire vapours. Keep up-wind to avoid fumes.

Protective equipment for fire-fighters

Wear self contained breathing apparatus.

# **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Wear appropriate protective clothing. Follow precautions for safe handling described in this safety data sheet.

#### 6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

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

Shovel into dry containers. Cover and move the containers. Flush the area with water. Wash thoroughly after dealing with a spillage.

# 6.4. Reference to other sections

For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13.

## **SECTION 7: HANDLING AND STORAGE**

## 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Observe good chemical hygiene practices.

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

Store in tightly closed original container in a dry, cool and well-ventilated place.

Storage Class

Unspecified storage.

#### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

**Usage Description** 

Gunnable sealant.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

# 8.1. Control parameters

## 8.2. Exposure controls

Protective equipment



Engineering measures

No particular ventilation requirements.

Respiratory equipment

Not normally required.

Hand protection

Use suitable protective gloves if risk of skin contact.

Eye protection

Not generally required.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

# **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### 9.1. Information on basic physical and chemical properties

Appearance Uncured -paste. Cured - rubber.

Colour Translucent.

Odour Mild (or faint).

Solubility Insoluble in water
Initial boiling point and boiling range Not applicable.

Melting point (°C) Not applicable.

Relative density 1.01 @ 20°C

Vapour density (air=1)

Vapour pressure

Evaporation rate

pH-Value, Conc. Solution

Not applicable.

Not applicable.

Not applicable.

Viscosity 5, 000 - 6, 000 Ps @ 20°C

Solubility Value (G/100G Not applicable.

H2O@20°C)

Decomposition temperature (°C)

Odour Threshold, Lower

Odour Threshold, Upper

Not applicable.

Flash point

Not applicable.

Not applicable.

Auto Ignition Temperature (°C) >400

Flammability Limit - Lower(%)

Flammability Limit - Upper(%)

Not applicable.

Partition Coefficient

Not applicable.

(N-Octanol/Water)

Explosive properties Not applicable.

Oxidising properties Not applicable.

## 9.2. Other information

None.

## **SECTION 10: STABILITY AND REACTIVITY**

# 10.1. Reactivity

No specific reactivity hazards associated with this product.

## 10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Moisture curing process releases: a small amount of ethanol.

## 10.3. Possibility of hazardous reactions

Not applicable.

Hazardous Polymerisation

Will not polymerise.

## 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid contact with: moisture

#### 10.5. Incompatible materials

Materials To Avoid

Reacts with water, acids and bases. Reaction causes the formation of ethanol.

## 10.6. Hazardous decomposition products

None under normal conditions. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Temperatures of ~ 150 C may generate: A small amount of formaldehyde, through oxidation.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

## 11.1. Information on toxicological effects

Toxic Dose 1 - LD 50 Not determined
Toxic Dose 2 - LD 50 Not determined
Toxic Conc. - LC 50 Not determined

Toxicological information

The product has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly.

#### Acute toxicity:

Based on available data the classification criteria are not met.

## Skin Corrosion/Irritation:

Based on available data the classification criteria are not met.

#### Serious eye damage/irritation:

Based on available data the classification criteria are not met.

#### Respiratory or skin sensitisation:

Based on available data the classification criteria are not met.

#### Germ cell mutagenicity:

Does not contain any substances known to be mutagenic.

#### Carcinogenicity:

Does not contain any substances known to be carcinogenic.

## Reproductive Toxicity:

Does not contain any substances known to be toxic to reproduction.

#### Inhalation

No specific health warnings noted.

#### Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

#### Skin contact

Skin irritation is not anticipated when used normally.

#### Eye contact

May cause temporary eye irritation. Will not injure eye tissue.

Health Warnings

Moisture curing process releases a small amount of ethanol which is irritating to mucous membranes, slightly irritating to skin and has skin drying and narcotic effects.

#### **SECTION 12: ECOLOGICAL INFORMATION**

## **Ecotoxicity**

Not regarded as dangerous for the environment. The product has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/ EC and classified for ecotoxicological hazards accordingly.

## 12.1. Toxicity

LC 50, 96 Hrs, Fish mg/l
EC 50, 48 Hrs, Daphnia, mg/l
Not determined
IC 50, 72 Hrs, Algae, mg/l
Not determined

## 12.2. Persistence and degradability

Degradability

Silicone content: biologically not degradable.

## 12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient Not applicable.

## 12.4. Mobility in soil

Mobility:

The product is insoluble in water.

# 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

## 12.6. Other adverse effects

None known.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

## 13.1. Waste treatment methods

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

Waste Class

Recommended EWC Code 08 04 10

#### **SECTION 14: TRANSPORT INFORMATION**

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

## 14.1. UN number

No information required.

## 14.2. UN proper shipping name

No information required.

## 14.3. Transport hazard class(es)

No information required.

## 14.4. Packing group

No information required.

## 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

## 14.6. Special precautions for user

No information required.

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information required.

#### **SECTION 15: REGULATORY INFORMATION**

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

Uk Regulatory References

Chemicals (Hazard Information & Packaging) Regulations.

Statutory Instruments

Control of Substances Hazardous to Health.

Guidance Notes

Workplace Exposure Limits EH40.

**EU** Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) 1907/2006 REACH. Regulation (EC) 1272/2008 CLP.

#### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

# **SECTION 16: OTHER INFORMATION**

**Revision Comments** 

Revised sections: 3, General review New format as required by REACH Annex II

 Revision Date
 14/11/12

 Supersedes date
 19/04/07

 SDS No.
 10137

Risk Phrases In Full

R10 Flammable.

R65 Harmful: may cause lung damage if swallowed.

R36/38 Irritating to eyes and skin.

NC Not classified.

R66 Repeated exposure may cause skin dryness or cracking.

Hazard Statements In Full

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.

# Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in  $\epsilon$  process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.