

# **SAFETY DATA SHEET**

SMOOTH MASONRY

SECTION 1: Identific undertaking	cation of the substance/mixture and of the company/
1.1. Product identifier	
Product name	: SMOOTH MASONRY
1.2. Relevant identified use	s of the substance or mixture and uses advised against
Product use	: Waterborne coating for exterior use.
1.3. Details of the supplier o	-
	ICI Paints AkzoNobel,
	Wexham Road,
	Slough, Berkshire,
	SL2 5DS, U.K.
	Tel.: +44 (0) 333 222 70 70
	www.armsteadtrade.co.uk
e-mail address of person responsible for this SDS	: armstead.advice@akzonobel.com
1.4 Emergency telephone nu	ımber
Telephone number	: T +44 (0) 1753 550000
Version	: 21
Date of previous issue	: 8-3-2016
SECTION 2: Hazard	s identification
2.1 Classification of the su	hetanco or mixturo

: Mixture
Regulation (EC) No. 1272/2008 [CLP/GHS]
: 0%
: 0%

See Section 16 for the full text of the H statements declared above.

### **SECTION 2: Hazards identification**

See Section 11 for more detailed information on health effects and symptoms.

2.2. Label elements
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Signal word	: No signal word.
Hazard statements	: H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements	
General	<ul> <li>P102 - Keep out of reach of children.</li> <li>P101 - If medical advice is needed, have product container or label at hand.</li> </ul>
Prevention	: P262 - Do not get in eyes, on skin, or on clothing.
Response	: P312 - Call a POISON CENTER or doctor if you feel unwell.
Storage	Not applicable.
Disposal	: P501 - Dispose of contents and container in accordance with all local, regional, national or international regulations.
Supplemental label elements	: Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl- 4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) and octhilinone (ISO). May produce an allergic reaction.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable.
Special packaging requirem	<u>ients</u>
Containers to be fitted with child-resistant fastenings	: Not applicable.
Tactile warning of danger	: Not applicable.

#### 2.3. Other hazards

Other hazards which do : None known. not result in classification

### **SECTION 3: Composition/information on ingredients**

3.2 Mixtures

#### : Mixture

			<b>Classification</b>	
Product/ingredient name	Identifiers	% (w/w)	Regulation (EC) No. 1272/2008 [CLP]	Туре
bronopol (INN); 2-bromo- 2-nitropropane-1,3-diol	EC: 200-143-0	<0.1	Acute Tox. 4, H302	[1]
	CAS: 52-51-7 Index: 603-085-00-8		Acute Tox. 4, H312 Skin Irrit. 2, H315	
			Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400	
Terbutryn	EC: 212-950-5	≥0.003 - <0. 025	Acute Tox. 4, H302	[1]
	CAS: 886-50-0 Index: self classification		Skin Sens. 1, H317 Aquatic Acute 1, H400	
			Aquatic Chronic 1, H410	
octhilinone (ISO)	EC: 247-761-7	<0.05	Acute Tox. 4, H302	[1]
	CAS: 26530-20-1		Acute Tox. 3, H311	
	Index: 613-112-00-5		Acute Tox. 3, H331	
			Skin Corr. 1B, H314	

#### SMOOTH MASONRY

### **SECTION 3: Composition/information on ingredients**

pyrithione zinc	EC: 236-671-3 CAS: 13463-41-7	<0.07	Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Acute Tox. 4, H302 Acute Tox. 3, H331	[1]
			Eye Dam. 1, H318 Aquatic Acute 1, H400	
			See Section 16 for the full text of the H statements declared above.	

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

<u>Type</u>

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[5] Substance of equivalent concern

Occupational exposure limits, if available, are listed in Section 8.

### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

General	<ul> <li>In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.</li> </ul>
Eye contact	<ul> <li>Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.</li> </ul>
Inhalation	<ul> <li>Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.</li> </ul>
Skin contact	<ul> <li>Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.</li> </ul>
Ingestion	<ul> <li>If swallowed, seek medical advice immediately and show the container or label.</li> <li>Keep person warm and at rest. Do NOT induce vomiting.</li> </ul>
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains octhilinone (ISO), 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

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

### **SECTION 4: First aid measures**

Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large
	quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.

See toxicological information (Section 11)

SECTION 5: Firefighting measures			
5.1. Extinguishing media			
Suitable extinguishing media	:	Recommended: alcohol-resistant foam, CO <sub>2</sub> , powders, water spray.	
Unsuitable extinguishing media	:	Do not use water jet.	
5.2. Special hazards arising	fror	n the substance or mixture	
Hazards from the substance or mixture	:	Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.	
Hazardous thermal decomposition products	:	Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.	
5.3. Advice for firefighters			
Special protective actions for fire-fighters	:	Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.	
Special protective	:	Appropriate breathing apparatus may be required.	

### **SECTION 6: Accidental release measures**

equipment for fire-fighters

6.1. Personal precautions, protective equipment and emergency procedures			
For non-emergency personnel	;	Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist. Refer to protective measures listed in sections 7 and 8.	
For emergency responders	:	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".	
6.2. Environmental precautions	:	Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.	
6.3. Methods and material for containment and cleaning up	:	Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Preferably clean with a detergent. Avoid using solvents.	
6.4. Reference to other sections	:	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.	

### **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### **SECTION 7: Handling and storage**

void vapour concentrations higher than the occupational exposure limits. addition, the product should only be used in areas from which all naked lights and ther sources of ignition have been excluded. Electrical equipment should be rotected to the appropriate standard.
ther sources of ignition have been excluded. Electrical equipment should be
lixture may charge electrostatically: always use earthing leads when transferring om one container to another.
perators should wear antistatic footwear and clothing and floors should be of the onducting type.
eep away from heat, sparks and flame. No sparking tools should be used. void contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or nist arising from the application of this mixture. Avoid inhalation of dust from anding.
ating, drinking and smoking should be prohibited in areas where this material is andled, stored and processed.
ut on appropriate personal protective equipment (see Section 8). ever use pressure to empty. Container is not a pressure vessel.
lways keep in containers made from the same material as the original one. omply with the health and safety at work laws.
o not allow to enter drains or watercourses.
formation on fire and explosion protection
apours are heavier than air and may spread along floors. Vapours may form xplosive mixtures with air.

### Store in accordance with local regulations.

#### Notes on joint storage

Keep away from: oxidising agents, strong alkalis, strong acids.

#### Additional information on storage conditions

Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep away from sources of ignition. No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

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

: Not available.

Industrial sector specific solutions

: Not available.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

### 8.1 Control parameters

Occupational exposure limits No exposure limit value known.

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres -General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### **DNELs/DMELs**

No DNELs/DMELs available.

### **PNECs**

No PNECs available

### 8.2 Exposure controls

Appropriate engineering : controls	Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.
Individual protection measures	

Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	: Use safety eyewear designed to protect against splash of liquids.

Eve/face protection

#### Skin protection

#### Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

#### Gloves

: For prolonged or repeated contact use protective gloves. Barrier creams may help to protect the exposed areas of skin, they should however not be applied once exposure has occurred. Skin should be washed after contact.

Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms. Recommended gloves: Viton® or Nitrile

Breakthrough Time: 480 min

When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended.

NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

## **SECTION 8: Exposure controls/personal protection**

Body protection	: Personnel should wear antistatic clothing made of natural fibres or of high-
Other skin protection	temperature-resistant synthetic fibres.
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.
	OLD LEAD-BASED PAINTS:
	When surfaces are to be prepared for painting, account should be taken of the age of the property and the possibility that lead-pigmented paint might be present. There is a possibility that ingestion or inhalation of scrapings or dust arising from the preparation work could cause health effects. As a working rule you should assume that this will be the case if the age of the property is pre 1960.
	Where possible wet sanding or chemical stripping methods should be used with surfaces of this type to avoid the creation of dust. When dry sanding cannot be avoided, and effective local exhaust ventilation is not available, it is recommended that a dust respirator is worn, that is approved for use with lead dusts, and its type selected on the basis of the COSHH assessment, taking into account the Workplace Exposure Limit for lead in air. Furthermore, steps should be taken to ensure containment of the dusts created, and that all practicable measures are taken to clean up thoroughly all deposits of dusts in and around the affected area.
	Respiratory protection in case of dust or spray mist formation. (particle filter EN143 type P2) Respiratory protection in case of vapour formation. (half mask with combination filter A2-P2 til concentrations of 0,5 Vol%.)
	The current Control of Lead at Work Regulations approved code of practice should be consulted for advice on protective clothing and personal hygiene precautions. Care should also be taken to exclude visitors, members of the household and especially children from the affected area, during the actual work and the subsequent clean up operations. All scrapings, dust, etc. should be disposed of by the professional painting contractor as Hazardous Waste.
	Extra precautions will also need to be taken when burning off old lead-based paints because fumes containing lead will be produced. It is recommended that a respirator, approved for use with particulate fumes of lead is selected on the basis of the COSHH assessment, taking into account the Workplace Exposure Limit for lead in air. Similar precautions to those given above about sanding should be taken with reference to protective clothing, disposal of scrapings and dusts, and exclusion of other personnel and especially children from the building during actual work and the subsequent clean up operations.
	Avoid the inhalation of dust. Wear suitable face mask if dry sanding. Special precautions should be taken during surface preparation of pre-1960s paint surfaces over wood and metal as they may contain harmful lead.
Environmental exposure controls	: Do not allow to enter drains or watercourses.

## SECTION 9: Physical and chemical properties

<ul><li>Not available.</li><li>Not available.</li></ul>			
: Not available.			
: Not available.			
: Not available.			
: Not available.			
: Liquid.			
9.1. Information on basic physical and chemical properties			
	: Liquid. : Not available. : Not available.		

### **SECTION 9: Physical and chemical properties**

Initial boiling point and boiling range	: 100°C
Flash point	: Not applicable.
Evaporation rate	: Not available.
Upper/lower flammability or explosive limits	: Not available.
Vapour pressure	: Not available.
Vapour density	: Not available.
Relative density	: 1.343
Solubility(ies)	: Easily soluble in the following materials: cold water.
Solubility in water	: Not available.
Partition coefficient: n-octanol/ water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Kinematic (room temperature): 5.22 cm <sup>2</sup> /s
Explosive properties	: Not available.
Oxidising properties	: Not available.
9.2. Other information	

No additional information.

SECTION 10: Stability and reactivity				
10.1. Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.		
10.2. Chemical stability	:	Stable under recommended storage and handling conditions (see Section 7).		
10.3. Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.		
10.4. Conditions to avoid	:	When exposed to high temperatures may produce hazardous decomposition products.		
10.5. Incompatible materials	:	Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.		
10.6. Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.		

### **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

### **SECTION 11: Toxicological information**

Contains octhilinone (ISO), 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

#### Acute toxicity

**Conclusion/Summary** : Not available.

Acute toxicity estimates

Not available.

#### **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
bronopol (INN); 2-bromo-	Skin - Moderate irritant	Human	-	-	-
2-nitropropane-1,3-diol					
	Skin - Mild irritant	Rabbit	-	-	-
T a sila satar sa	Skin - Moderate irritant	Rabbit	-	-	-
Terbutryn	Eyes - Moderate irritant	Rabbit	-	-	-
aathilinana (ISO)	Skin - Mild irritant	Rabbit Rabbit	-	-	-
octhilinone (ISO)	Eyes - Severe irritant	Rabbit	-	-	-
Conclusion/Summary	: Not available.				
Sensitisation					
Conclusion/Summary	: Not available.				
Mutagenicity					
Conclusion/Summary	: Not available.				
Carcinogenicity					
Conclusion/Summary	: Not available.				
Reproductive toxicity					
Conclusion/Summary	: Not available.				
Teratogenicity					
Conclusion/Summary	: Not available.				
Specific target organ toxicity (single exposure)					
Product/ingr	redient name	Category	Roι	ite of	Farget organs

Product/ingredient name	Category	exposure	Target organs
bronopol (INN); 2-bromo-2-nitropropane-1,3-diol	Category 3	Not applicable.	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Not available.

### **Aspiration hazard**

Not available.

#### **Other information** : Not available.

### **SECTION 12: Ecological information**

### 12.1. Toxicity

There are no data available on the mixture itself. Do not allow to enter drains or watercourses.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is classified for eco-toxicological properties accordingly. See Sections 2 and 3 for details.

### **SECTION 12: Ecological information**

Product/ingredient name	Result	Species	Exposure
Terbutryn	Acute EC50 1.4 to 2.66 mg/l	Daphnia	48 hours
	Acute IC50 0.0036 mg/l	Algae - (Selenastrum capricornutum	72 hours
	Acute LC50 1.3 mg/l	Fish - Lepomis Macrochirus	96 hours
	Acute LC50 1.1 mg/l	Fish - Oncorhynchus Mykiss	96 hours

**Conclusion/Summary** : Not available.

### 12.2. Persistence and degradability

Conclusion/Summary	:	Not available.
12.3. Bioaccumulative potenti	ial	
12.4. Mobility in soil		
Soil/water partition coefficient (Koc)	:	Not available.
Mobility	1	Not available.
12.5. Results of PBT and vPv	Ba	issessment
PBT	:	Not applicable.
		P: Not available. B: Not available. T: Not available.
vPvB	1	Not applicable.
		vP: Not available. vB: Not available.
12.6. Other adverse effects	:	No known significant effects or critical hazards.

### **SECTION 13: Disposal considerations**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

Product	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non- recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	: The classification of the product may meet the criteria for a hazardous waste.
Disposal considerations	<ul> <li>Do not allow to enter drains or watercourses.</li> <li>Dispose of according to all federal, state and local applicable regulations.</li> <li>If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.</li> <li>For further information, contact your local waste authority.</li> </ul>
Packaging	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Disposal considerations	<ul> <li>Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned. Dispose of containers contaminated by the product in accordance with local or national legal provisions.</li> </ul>
Special precautions	: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SMOOTH MASONRY

### **SECTION 14: Transport information**

Not applicable.	Not regulated. Not applicable.
	Not applicable.
Notapplicable	
Not applicable.	Not applicable.
-	-
Not applicable.	Not applicable.
	Na
NO.	No. Not available.
nsport within user's premises: always sport in closed containers that are upright secure. Ensure that persons transporting product know what to do in the event of an ident or spillage.	
Not available.	Not applicable.
	No.  nsport within user's premises: always sport in closed containers that are upright secure. Ensure that persons transporting product know what to do in the event of an ident or spillage.  Not available.  : Not applicable.

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

### Annex XIV

None of the components are listed.

#### Substances of very high concern

None of the components are listed, or the component present is below its threshold.

### CTION 15: Regulatory information

SECTION 15: Regulatory information				
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable.			
Other EU regulations				
VOC	: Not available.			
Europe inventory	: At least one component is not listed.			
<u>Seveso Directive</u>				
This product is not controlled	under the Seveso Directive.			
International regulations Chemical Weapon Convention List Schedules I, II & III Chemicals Not listed.				
Montreal Protocol (Annexes A, B, C, E) Not listed.				
Stockholm Convention on Persistent Organic Pollutants Not listed.				
Rotterdam Convention on Prior Inform Consent (PIC) Not listed.				
UNECE Aarhus Protocol on POPs and Heavy Metals Not listed.				

### **15.2 Chemical Safety** : Not applicable.

Assessment

### **SECTION 16: Other information**

CE	PE	со	de

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✓ Indicates information that has changed from previously issued version.

Abbreviations and acronyms	: ATE = Acute Toxicity Estimate
	CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.
	1272/2008]
	DMEL = Derived Minimal Effect Level
	DNEL = Derived No Effect Level
	EUH statement = CLP-specific Hazard statement
	PBT = Persistent, Bioaccumulative and Toxic
	PNEC = Predicted No Effect Concentration
	RRN = REACH Registration Number
	vPvB = Very Persistent and Very Bioaccumulative

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification		Justification
Aquatic Chronic 3, H412		Calculation method
Full text of abbreviated H         :         H302         H           statements         H311         T         H312         H           H314         C         H315         C           H317         M         H318         C           H331         T         H331         T		Harmful if swallowed. Toxic in contact with skin. Harmful in contact with skin. Causes severe skin burns and eye damage. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Toxic if inhaled. May cause respiratory irritation. Very toxic to aquatic life.

### **SECTION 16: Other information**

		H410 H412	Very toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects.
Full text of classifications [CLP/GHS]	:	Aquatic Chronic 1, H410	ACUTE TOXICITY (dermal) - Category 3 ACUTE TOXICITY (inhalation) - Category 3 ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 ACUTE AQUATIC HAZARD - Category 1 LONG-TERM AQUATIC HAZARD - Category 1 LONG-TERM AQUATIC HAZARD - Category 3 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 SKIN CORROSION/IRRITATION - Category 1B SKIN CORROSION/IRRITATION - Category 2 SKIN SENSITIZATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
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Date of previous issue	:	8-3-2016	
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#### Notice to reader

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