Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2015/830 - United Kingdom (UK)

# **SAFETY DATA SHEET**



TEKNOCLEAR AQUA 1336-20 - WHITE GLAZING

## SECTION 1: Identification of the substance/mixture and of the company/ undertaking 1.1 Product identifier : TEKNOCLEAR AQUA 1336-20 - WHITE GLAZING **Product name** 1.2 Relevant identified uses of the substance or mixture and uses advised against **Product description** : Paint. 1.3 Details of the supplier of the safety data sheet Teknos Group Oy, Takkatie 3, FI-00370 HELSINKI, FINLAND. Tel. +358 9 506 091. e-mail address of person : prod-safe@teknos.com responsible for this SDS **National contact** Teknos (UK) Limited, Unit E1, Heath Farm, Banbury Road, Swerford, Oxfordshire OX7 4BN, United Kingdom. Tel. +44 (0) 1608 683 494. 1.4 Emergency telephone number **Telephone number** : Teknos UK Limited; TEL: +44 1608 683 494; Opening hours: MON-FRI, 7am – 6pm. SECTION 2: Hazards identification 2.1 Classification of the substance or mixture **Product definition** : Mixture Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] Skin Sens. 1, H317 The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended. See Section 16 for the full text of the H statements declared above. See Section 11 for more detailed information on health effects and symptoms. 2.2 Label elements Hazard pictograms Signal word : Warning : H317 - May cause an allergic skin reaction. **Hazard statements Precautionary statements** General : Not applicable. **Prevention** : P280 - Wear protective gloves. P261 - Avoid breathing vapour. P272 - Contaminated work clothing should not be allowed out of the workplace. : P302 + P352 - IF ON SKIN: Wash with plenty of soap and water. Response P333 + P313 - If skin irritation or rash occurs: Get medical attention. : Not applicable. **Storage Disposal** : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous ingredients : Hydroxyphenylbenzotriazol derivatives

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## **SECTION 2: Hazards identification**

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# Supplemental label : Contains biocidal products for in-can preservation: BIT and MIT. elements

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

#### 2.3 Other hazards

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

## SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture							
Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Туре			
2-Butoxyethanol Hydroxyphenylbenzotriazol derivatives	REACH #: 01-2119475108-36 EC: 203-905-0 CAS: 111-76-2 Index: 603-014-00-0 REACH #: 01-0000015075-76 CAS: 104810-48-2	≤3 <2.5	Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411	[1] [2]			
			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.

Туре

[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

[6] Additional disclosure due to company policy

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

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

#### 4.1 Description of first aid measures

Eye contact	<ul> <li>Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.</li> </ul>
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

#### SECTION 4: First aid measures Skin contact : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air Ingestion 2 and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. **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. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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

Over-exposure signs/	symptoms
Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.
4.3 Indication of any im	mediate medical attention and special treatment needed
Notes to physician	<ul> <li>In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.</li> </ul>
Specific treatments	: No specific treatment.

## **SECTION 5: Firefighting measures**

-	Use an extinguishing agent suitable for the surrounding fire.
:	None known.
rom	the substance or mixture
:	In a fire or if heated, a pressure increase will occur and the container may burst.
:	In a fire, decomposition may produce toxic gases/fumes.
:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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## **SECTION 6: Accidental release measures**

6.1 Personal precautions, pro	ote	ctive equipment and emergency procedures
For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
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	:	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
6.3 Methods and material for	со	ntainment and cleaning up
Small spill	:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. 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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product.
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).

## 7.1 Precautions for safe handling

Protective measures	:	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Do not store below the following temperature: 5°C (41°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)		
Recommendations	: Not available.	
Industrial sector specific solutions	: Not available.	
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## **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

Product/ingredient name	Exposure limit values
2-Butoxyethanol	EH40/2005 WELs (United Kingdom (UK), 12/2011). Absorbed through skin. STEL: 50 ppm 15 minutes. TWA: 25 ppm 8 hours.
procedures atmo of th prote the f the a limit	s product contains ingredients with exposure limits, personal, workplace osphere or biological monitoring may be required to determine the effectiveness e ventilation or other control measures and/or the necessity to use respiratory ective equipment. Reference should be made to monitoring standards, such as following: European Standard EN 689 (Workplace atmospheres - Guidance for assessment of exposure by inhalation to chemical agents for comparison with values and measurement strategy) European Standard EN 14042 (Workplace ospheres - Guide for the application and use of procedures for the assessment

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**

Product/ingredient name	Туре	Exposure	Value	Population	Effects
Hydroxyphenylbenzotriazol derivatives	DNEL	Long term Inhalation	0.35 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Long term Dermal	0.5 mg/kg	Workers	Systemic
	DNEL	Long term Inhalation	0.085 mg/ m <sup>3</sup>	Consumers	Systemic
	DNEL	Long term Dermal	0.25 mg/kg	Consumers	Systemic
	DNEL	Long term Oral	0.025 mg/	Consumers	Systemic
			kg		

#### PNECs

Product/ingredient name	Compartment Detail	Value	Method Detail
Hydroxyphenylbenzotriazol derivatives	Marine water Sewage Treatment Plant Fresh water sediment	0.0023 mg/l 0.00023 mg/l 10 mg/l 3.06 mg/kg 0.306 mg/kg 2 mg/kg	- - - -

#### 8.2 Exposure controls

Appropriate engineering controls	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### 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. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

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

Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
	Recommendations : Wear suitable gloves tested to EN374. > 8 hours (breakthrough time): Nitrile gloves. thickness > 0.3 mm Not recommended polyvinyl alcohol (PVA) gloves
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Refer to European Standard EN 14605 for further information on material and design requirements and test methods.
Other skin protection	<ul> <li>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.</li> </ul>
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
	spray application Filter type: A P
Environmental exposure controls	<ul> <li>Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.</li> <li>In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.</li> </ul>

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

## 9.1 Information on basic physical and chemical properties

<u>Appearance</u>		
Physical state	1	Liquid.
Colour	1	Various
Odour	:	Slight
Odour threshold	:	Not available.
рН	:	Not available.
Melting point/freezing point	:	Not available.
Initial boiling point and boiling range	:	Not available.
Flash point	:	Closed cup: >100°C
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Upper/lower flammability or explosive limits	:	Lower: 3.2% Upper: 15.3%
Vapour pressure	÷	Not available.
Vapour density	:	Not available.
Density	÷	1.2 kg/l
Solubility(ies)	:	Not available.
Partition coefficient: n-octanol/ water	:	Not available.
Auto-ignition temperature	:	Not available.
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## **SECTION 9: Physical and chemical properties**

Decomposition temperature	: Not available.
Viscosity	: Not available.
Explosive properties	: Not available.
Oxidising properties	: Not available.
9.2 Other information	
VOC	: 37 g/l
Solubility in water	: Not available.
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	: The product is stable.			
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.			
10.4 Conditions to avoid	: No specific data.			
10.5 Incompatible materials	: No specific data.			
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

## **Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Hydroxyphenylbenzotriazol derivatives	LC50 Inhalation Vapour	Rat	>5.8 mg/l	4 hours
	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-

Conclusion/Summary : Based on available data, the classification criteria are not met.

#### Acute toxicity estimates

Route	ATE value
Oral	17197.8 mg/kg
Dermal	37835.1 mg/kg
Inhalation (vapours)	378.4 mg/l

#### **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
2-Butoxyethanol	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Eyes - Severe irritant	Rabbit	-	100 milligrams	-
	Skin - Mild irritant	Rabbit	-	500 milligrams	-

**Conclusion/Summary** : Based on available data, the classification criteria are not met.

#### **Sensitisation**

Product/ingredient name		Route of exposure		Species		Result
Hydroxyphenylbenzotriazol derivatives	sł	kin	Guine	a pig	Sensitising	
Conclusion/Summary	:	May cause an a	allergic	skin reaction.		
<u>Mutagenicity</u>	_					1
Product/ingredient name		Test		Experi	ment	Result
Hydroxyphenylbenzotriazol	-			Subject: Bacteria		Negative
derivatives	-			Subject: Mammalia	an-Animal	Negative
Conclusion/Summary	:	Based on avail:	able da	a, the classification		-
Carcinogenicity		Daoba on avail				
Conclusion/Summary		Based on availa	able dat	a, the classification	criteria are not m	et.
Reproductive toxicity				,		
Conclusion/Summary	:	Based on availa	able dat	a, the classification	criteria are not m	iet.
Teratogenicity				-		
Conclusion/Summary	1	Based on availa	able da	a, the classification	criteria are not m	iet.
Specific target organ toxicit						
Not available.						
Specific target organ toxicit	tv (	reneated expos	uro)			
Not available.			<u>urcj</u>			
Aspiration hazard Not available.						
formation on likely routes f exposure	:	Not available.				
otential acute health effects						
Eye contact	:	No known signi	ficant e	ffects or critical haz	ards.	
Inhalation	:	No known signi	ficant e	ffects or critical haz	ards.	
Skin contact	:	May cause an a	allergic	skin reaction.		
Ingestion	:	No known signi	known significant effects or critical hazards.			
-						
ymptoms related to the phy	<u>/sic</u>	al, chemical an	d toxic	ological character	istics	
ymptoms related to the phy Eye contact		a <mark>l, chemical an</mark> No specific data		ological character	<u>istics</u>	
Eye contact Inhalation	:	No specific data No specific data	а. а.			
Eye contact	:	No specific data No specific data	а. а.	ological character		
Eye contact Inhalation	: :	No specific data No specific data Adverse sympto irritation	a. a. oms ma			
Eye contact Inhalation Skin contact Ingestion		No specific data No specific data Adverse sympto irritation redness No specific data	a. a. oms ma a.	ay include the follow	ing:	osure
Eye contact Inhalation Skin contact Ingestion <u>elayed and immediate effec</u>		No specific data No specific data Adverse sympto irritation redness No specific data	a. a. oms ma a.	ay include the follow	ing:	o <u>sure</u>
Eye contact Inhalation Skin contact Ingestion <u>elayed and immediate effect</u> Short term exposure	: : :	No specific data No specific data Adverse sympto irritation redness No specific data	a. a. oms ma a.	ay include the follow	ing:	o <u>sure</u>
Eye contact Inhalation Skin contact Ingestion	: : :	No specific data No specific data Adverse sympto irritation redness No specific data	a. a. oms ma a.	ay include the follow	ing:	o <u>sure</u>
Eye contact Inhalation Skin contact Ingestion <u>elayed and immediate effect</u> <u>Short term exposure</u> Potential immediate	: : : : :	No specific data No specific data Adverse sympto irritation redness No specific data	a. a. oms ma a.	ay include the follow	ing:	o <u>sure</u>
Eye contact Inhalation Skin contact Ingestion <u>elayed and immediate effect</u> <u>Short term exposure</u> Potential immediate effects	: : : : :	No specific data No specific data Adverse sympto irritation redness No specific data <b>as well as chro</b> Not available.	a. a. oms ma a.	ay include the follow	ing:	o <u>sure</u>
Eye contact Inhalation Skin contact Ingestion <u>elayed and immediate effect</u> <u>Short term exposure</u> Potential immediate effects Potential delayed effects	: : : : : :	No specific data No specific data Adverse sympto irritation redness No specific data <b>as well as chro</b> Not available.	a. a. oms ma a.	ay include the follow	ing:	o <u>sure</u>
Eye contact Inhalation Skin contact Ingestion <u>elayed and immediate effect</u> <u>Short term exposure</u> Potential immediate effects Potential delayed effects <u>Long term exposure</u> Potential immediate	: : : : : :	No specific data No specific data Adverse sympto irritation redness No specific data <b>as well as chron</b> Not available. Not available.	a. a. oms ma a.	ay include the follow	ing:	<u>osure</u>

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## **SECTION 11: Toxicological information**

Not available.

Conclusion/Summary	: Not available.
General	: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
<b>Developmental effects</b>	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.
Other information	: Not available.

## **SECTION 12: Ecological information**

## 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
2-Butoxyethanol	Acute EC50 >1000 mg/l Fresh water Acute LC50 800000 µg/l Marine water Acute LC50 1250000 µg/l Marine water	Daphnia - Daphnia magna Crustaceans - Crangon crangon Fish - Menidia beryllina	48 hours 48 hours 96 hours
Hydroxyphenylbenzotriazol derivatives	Acute EC50 4 mg/l	Daphnia	48 hours
	Acute LC50 2.8 mg/l	Fish	96 hours
Conclusion/Summary	: Based on available data, the classifica	ation criteria are not met.	ļ

## 12.2 Persistence and degradability

Conclusion/Summary

: This product has not been tested for biodegradation.

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
2-Butoxyethanol	0.81	-	low

12.4 Mobility in soil	
Soil/water partition coefficient (K <sub>oc</sub> )	: Not available.
Mobility	: Not available.

12.5 Results of PBT and	vPvB assessment
PBT	: Not applicable.
vPvB	: Not applicable.

**12.6 Other adverse effects** : No known significant effects or critical hazards.

## **SECTION 13: Disposal considerations**

13.1 Waste treatment method Product	S
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.

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## SECTION 13: Disposal considerations

European waste catalogue : 080112, 200128 

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.
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.

## **SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	ΙΑΤΑ
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.
Additional information	-	-	-	-

user

14.6 Special precautions for : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code : Not relevant/applicable due to nature of the product.

## SECTION 15: Regulatory information

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.

**Annex XVII - Restrictions** on the manufacture. placing on the market and use of certain dangerous substances, mixtures and articles

#### Other EU regulations

**Europe inventory** : Not determined.

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SECTION 15: Regulatory information
Black List Chemicals : (76/464/EEC)
Ozone depleting substances (1005/2009/EU)
Not listed.
Prior Informed Consent (PIC) (649/2012/EU)
Not listed.
Seveso Directive
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 Informed Consent (PIC)
Not listed.
UNECE Aarhus Protocol on POPs and Heavy Metals
Not listed.
<b>15.2 Chemical safety</b> : This product contains substances for which Chemical Safety Assessments are still required.

## **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

Abbreviations and	: ATE = Acute Toxicity Estimate
acronyms	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
Skin Sens. 1, H317	Calculation method

## Full text of abbreviated H statements

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS]

SECTION 16: Othe	r information
Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Aquatic Chronic 2, H411 Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317	ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 ACUTE TOXICITY (inhalation) - Category 4 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 2 SKIN SENSITISATION - Category 1
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#### Notice to reader

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.