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

## SAFETY DATA SHEET INTERCHAR 212 PART B

## SECTION 1: Identification of the substance/mixture and of the company/ undertaking

#### 1.1 Product identifier

Product name

Product code

: INTERCHAR 212 PART B

: HCA213

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

Identified uses		
Professional application of coatings and inks		
Uses advised against	Reason	
All Other Uses		

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

International Farg AB Holmedalen 3 Aspereds Industriomrade SE-424 22 Angered Sweden

Tel: +46 (0) 31 928500 Fax: +46 (0) 31 928530

e-mail address of person : sdsfellinguk@akzonobel.com responsible for this SDS National contact

#### 1.4 Emergency telephone number

National advisory body/Poison Centre (For use only by licensed medical professionals.)Telephone number: +44 (0)844 892 0111Supplier: +46 8 33 12 31

### **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 Irrit. 2, H315 Eye Dam. 1, H318 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

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## **SECTION 2: Hazards identification**

Hazard pictograms	
Signal word	: Danger
Hazard statements	: Causes serious eye damage. Causes skin irritation. May cause an allergic skin reaction.
Precautionary statements	
Prevention	: Wear protective gloves. Wear eye or face protection. Avoid breathing vapour.
Response	: IF ON SKIN: Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Immediately call a POISON CENTER or physician.
Storage	: Not applicable.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazardous ingredients	<ul> <li>Fatty acids, C18-unsatd., dimers, compds. with polyethylenepolyamine-tall-oil fatty acid reaction products</li> <li>2,4,6-tris(dimethylaminomethyl)phenol</li> <li>3,6,9-triazaundecamethylenediamine</li> </ul>
Supplemental label elements	:
	Wear appropriate respirator when ventilation is inadequate.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: 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

Product/ingredient name	Identifiers	% by weight	<u>Classification</u> Regulation (EC) No. 1272/2008 [CLP]	Nota (s)	Туре
Fatty acids, C18-unsatd., dimers, compds. with polyethylenepolyamine- tall-oil fatty acid reaction products	CAS: 64754-99-0	≥25 - ≤50	Eye Dam. 1, H318	-	[1]
2,4,6-tris (dimethylaminomethyl) phenol	REACH #: 01-2119560597-27 EC: 202-013-9 CAS: 90-72-2	≤5	Acute Tox. 4, H312 Skin Corr. 1C, H314 Skin Sens. 1, H317	-	[1]
Man-made vitreous (silicate) fibres	CAS: 287922-11-6	≤3	Skin Irrit. 2, H315	Q	[1]
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## **SECTION 3: Composition/information on ingredients**

3,6,	REACH #:	<2.5	Acute Tox. 4, H302	-	[1]
9-triazaundecamethylenediamine	01-2119487290-37		Acute Tox. 4, H312		
	EC: 203-986-2		Skin Corr. 1B, H314		
	CAS: 112-57-2		Eye Irrit. 2, H319		
	Index: 612-060-00-0		Skin Sens. 1, H317		
			Aquatic Chronic 2, H411		
			See Section 16 for the full text of the H		
			statements declared above.		

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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 or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

[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.

	Nota (s)
SECTION 4: First aid measures	

#### 4.1 Description of first aid measures

General	: 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.
Eye contact	: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
Inhalation	: 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.
Skin contact	: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
Ingestion	: If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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

Potential acute health effec		
Eye contact	: Causes serious eye damage.	
Inhalation	: May give off gas, vapour or dust that is very irritating or correspondence of the system. Exposure to decomposition products may cause a effects may be delayed following exposure.	
Skin contact	: Causes skin irritation. May cause an allergic skin reaction.	
Ingestion	: Irritating to mouth, throat and stomach.	
Over-exposure signs/symp	<u>ms</u>	
Eye contact	: Adverse symptoms may include the following: pain watering redness	
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#### SECTION 4: First aid measures Inhalation : No specific data. : Adverse symptoms may include the following: Skin contact pain or irritation redness blistering may occur Ingestion : Adverse symptoms may include the following: stomach pains 4.3 Indication of any immediate medical attention and special treatment needed Notes to physician : 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. Specific treatments : No specific treatment. SECTION 5: Firefighting measures 5.1 Extinguishing media Suitable extinguishing : Use an extinguishing agent suitable for the surrounding fire. media Unsuitable extinguishing : None known. media 5.2 Special hazards arising from the substance or mixture : In a fire or if heated, a pressure increase will occur and the container may burst. Hazards from the substance or mixture Hazardous thermal : Decomposition products may include the following materials: carbon dioxide decomposition products carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides 5.3 Advice for firefighters Special protective actions : 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 for fire-fighters suitable training. **Special protective** : Fire-fighters should wear appropriate protective equipment and self-contained equipment for fire-fighters 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.

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

6.1 Personal precautions, pro	te	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. Do not breathe 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 containment and cleaning up



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

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 breathe vapour or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. 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

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. Store locked up. 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.

### **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.

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

Recommended monitoring procedures		atmosphere or biol of the ventilation of protective equipment the following: Euror the assessment of limit values and mo atmospheres - Gui of exposure to che (Workplace atmos for the measurement	logical monito or other contro opean Standa f exposure by easurement s ide for the ap emical and bio opheres - Gen ent of chemic	pring may be required of measures and/or the ce should be made to ard EN 689 (Workplace inhalation to chemica strategy) European S plication and use of p plogical agents) Europeral requirements for al agents) Reference	its, personal, workplace to determine the effectiveness e necessity to use respiratory monitoring standards, such as ce atmospheres - Guidance for al agents for comparison with tandard EN 14042 (Workplace rocedures for the assessment pean Standard EN 482 the performance of procedure e to national guidance ardous substances will also be
DNELs/DMELs No DNELs/DMELs availabl	le.				
PNECs No PNECs available					
8.2 Exposure controls Appropriate engineering controls	:	enclosures, local e	exhaust venti	lation or other engine	r or mist, use process ering controls to keep worker mended or statutory limits.
Individual protection meas	ures	<u>i</u>		-	-
Hygiene measures	:	before eating, smo Appropriate techn Contaminated wor	oking and usi iiques should rk clothing sh :hing before re	ng the lavatory and at be used to remove po ould not be allowed o eusing. Ensure that e	ndling chemical products, t the end of the working period otentially contaminated clothing out of the workplace. Wash eyewash stations and safety
Eye/face protection	:	assessment indica gases or dusts. If unless the assess	ates this is ne f contact is po sment indicate	ecessary to avoid expo ossible, the following p as a higher degree of	d should be used when a risk osure to liquid splashes, mists, protection should be worn, protection: chemical splash st, a full-face respirator may be
Skin protection					
Hand protection		against chemicals gloves. When pro protection class of 374) is recommen protection class of according to EN 3 of type of glove se into account the p assessment. NO and duration of us workplace factors handled, physical protection), potent specifications pro- the exposed areas occurred.	and micro-ou blonged or free f 6 (breakthro nded. When of f 2 or higher ( 374) is recom- elected for ha- particular cond TICE: The se is a workpl such as, but requirements tial body reac- vided by the g s of the skin b	rganisms. Recomme quently repeated com- ough time greater than only brief contact is ex breakthrough time gr- mended. The user m ndling this product is ditions of use, as inclu- lection of a specific gl ace should also take not limited to: Other co- tions to glove materia glove supplier. Barrie out should not be appl	love for a particular application into account all relevant chemicals which may be tion, dexterity, thermal als, as well as the instructions/ r creams may help to protect lied once exposure has
Body protection	:		and the risks i		e selected based on the task be approved by a specialist
Other skin protection	:	selected based or	n the task bei		ion measures should be risks involved and should be t.
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## **SECTION 8: Exposure controls/personal protection**

Respiratory protection	: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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

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

1,2		• •
<u>Appearance</u>		
Physical state	:	Paste.
Colour	:	White.
Odour	:	Amine-like.
Odour threshold	:	Not available.
рН	:	Not applicable.
Melting point/freezing point	:	Not available.
Initial boiling point and	:	Not available.
boiling range		
Flash point	:	Closed cup: 101°C
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Upper/lower flammability or	:	Not available.
explosive limits		
Vapour pressure	:	Not available.
Vapour density	:	Not available.
Relative density	:	1.34
Solubility(ies)	:	Insoluble in the following materials: cold water.
Partition coefficient: n-octanol/	:	Not available.
water		
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
Viscosity	:	Kinematic (room temperature): 1309309 mm <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	: 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.			
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## **SECTION 10: Stability and reactivity**

#### 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
2,4,6-tris (dimethylaminomethyl) phenol	LD50 Dermal	Rat	1280 mg/kg	-
3,6, 9-triazaundecamethylenediamine	LD50 Oral LD50 Dermal	Rat Rabbit	2169 mg/kg 660 uL/kg	-
	LD50 Oral	Rat	3990 mg/kg	-

### **Conclusion/Summary** : Not available.

#### Acute toxicity estimates

Route	ATE value		
Oral	22917.4 mg/kg		
Dermal	17321.3 mg/kg		

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
2,4,6-tris (dimethylaminomethyl) phenol	Eyes - Severe irritant	Rabbit	-	24 hours 50 Micrograms	-
	Skin - Mild irritant	Rat	-	0.025 Mililiters	-
	Skin - Severe irritant	Rat	-	0.25 Mililiters	-
	Skin - Severe irritant	Rabbit	-	24 hours 2 milligrams	-
3,6, 9-triazaundecamethylenediamine	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	5 milligrams	-
	Skin - Severe irritant	Rabbit	-	24 hours 5 milligrams	-
	Skin - Severe irritant	Rabbit	-	495 milligrams	-

#### **Conclusion/Summary**

Skin

: Bridging principle "Substantially similar mixtures" Non-corrosive to skin. Irritating to skin.

<u>Sensitisation</u>		
<b>Conclusion/Summary</b>	:	Not available.
<u>Mutagenicity</u>		
Conclusion/Summary	:	Not available.
Carcinogenicity		
Conclusion/Summary	:	Not available.
Reproductive toxicity		
Conclusion/Summary	:	Not available.
<b>Teratogenicity</b>		
<b>Conclusion/Summary</b>	:	Not available.
Specific target organ toxici	<u>ty (s</u>	<u>single exposure)</u>
Not available.		

#### Specific target organ toxicity (repeated exposure) Not available.

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## SECTION 11: Toxicological information

Aspiration hazard

Not available.

Information on likely routes	:	Not available.
of exposure		
Potential acute health effects	-	
Eye contact		Causes serious eye damage.
Inhalation	:	May give off gas, vapour or dust that is very irritating or corrosive to the respiratory system. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin contact	:	Causes skin irritation. May cause an allergic skin reaction.
Ingestion	:	Irritating to mouth, throat and stomach.
Symptoms related to the phy	sic	al, chemical and toxicological characteristics
Eye contact	:	Adverse symptoms may include the following: pain watering redness
Inhalation	:	No specific data.
Skin contact	:	Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	:	Adverse symptoms may include the following: stomach pains
Delayed and immediate offer	4-	as well as shrapic effects from short and long term synapsys
-	ts	as well as chronic effects from short and long-term exposure
<u>Short term exposure</u> Potential immediate		Not available.
effects	•	
Potential delayed effects	:	Not available.
<u>Long term exposure</u>		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Potential chronic health effe	ect	<u>s</u>
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.
Developmental effects	:	No known significant effects or critical hazards.
Fertility effects	:	No known significant effects or critical hazards.
Other information	:	Not available.

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## **SECTION 12: Ecological information**

#### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
2,4,6-tris (dimethylaminomethyl) phenol	Acute LC50 175 mg/l	Fish - Cyprinus carpio	96 hours
0	. Not such the	· · · · · · · · · · · · · · · · · · ·	

Conclusion/Summary : Not available.

#### 12.2 Persistence and degradability

**Conclusion/Summary** : Not available.

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
2,4,6-tris (dimethylaminomethyl) phenol	0.219	-	low

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: 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**

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

<u>Product</u>	
Methods of disposal	<ul> <li>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.</li> </ul>
Hazardous waste	: The classification of the product may meet the criteria for a hazardous waste.
Packaging	
Methods of disposal	<ul> <li>Dispose of containers contaminated by the product in accordance with local or national legal provisions. This material and its container must be disposed of as hazardous waste. Dispose of via a licensed waste disposal contractor.</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.

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## **SECTION 14: Transport information**

	ADR/RID	IMDG	ΙΑΤΑ
14.1 UN number	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.
Additional information	-	-	-

IMDG Code Segregation : Not applicable. group

14.6 Special precautions for user

: **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: Not available.according to Annex II ofMarpol and the IBC Code

### **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 Substances of very high concern None of the components are listed. Annex XVII - Restrictions : Not applicable. on the manufacture, placing on the market and use of certain

dangerous substances, mixtures and articles

#### **Other EU regulations**

**Europe inventory** : Not determined.

#### Special packaging requirements

Containers to be fitted : Not applicable. with child-resistant fastenings

Tactile warning of danger : Not applicable.

#### Ozone depleting substances (1005/2009/EU)

Not listed.

## AkzoNobel

**SECTION 15: Regulatory information** 

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## Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

#### National regulations

- References
   : Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II and Regulation (EC) No. 1272/2008 (CLP)
- **15.2 Chemical safety** : No Chemical Safety Assessment has been carried out.

assessment

## **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]

Classi	Classification		Justification
Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317			Bridging principle "Substantially similar mixtures" Calculation method Calculation method
Full text of abbreviated H statements	:	H302 H312 H314 H315 H317 H318 H319 H411	Harmful if swallowed. 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. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.
Full text of classifications [CLP/GHS]	:	Acute Tox. 4, H302 Acute Tox. 4, H312 Aquatic Chronic 2, H411 Eye Dam. 1, H318 Eye Irrit. 2, H319 Skin Corr. 1B, H314 Skin Corr. 1C, H314 Skin Irrit. 2, H315 Skin Sens. 1, H317	ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 LONG-TERM AQUATIC HAZARD - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 1B SKIN CORROSION/IRRITATION - Category 1C SKIN CORROSION/IRRITATION - Category 2 SKIN SENSITIZATION - Category 1
Date of printing	:	01/06/2017	
Date of issue/ Date of revision	:	01/06/2017	
Date of previous issue	:	30/09/2016	
Version	:	3	
Notice to reader			

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

IMPORTANT NOTE: the information contained in this data sheet (as may be amended from time to time) is not intended to be exhaustive and is presented in good faith and believed to be correct as of the date on which it is prepared. It is the user's responsibility to verify that this data sheet is current prior to using the product to which it relates.

Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where those purposes are other than as specifically recommended in this safety data sheet, then the user uses the product at their own risk.

MANUFACTURER'S DISCLAIMER: the conditions, methods and factors affecting the handling, storage, application, use and disposal of the product are not under the control and knowledge of the manufacturer. Therefore the manufacturer does not assume responsibility for any adverse events which may occur in the handling, storage, application, use, misuse or disposal of the product and, so far as permitted by applicable law, the manufacturer expressly disclaims liability for any and all loss, damages and/or expenses arising out of or in any way connected to the storage, handling, use or disposal of the product. Safe handling, storage, use and disposal are the responsibility of the users. Users must comply with all applicable health and safety laws.

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