# SAFETY DATA SHEET

REN® HY 956



#### SECTION 1: Identification of the substance/mixture and of the company/undertaking **1.1 Product identifier** Product name : REN® HY 956 : 00048501 **Product code Product description** ŝ 1.2 Relevant identified uses of the substance or mixture and uses advised against : Hardener for tooling systems **Product use** 1.3 Details of the supplier of the safety data sheet : Huntsman Advanced Materials (Europe)BVBA **Supplier** Everslaan 45 3078 Everberg / Belgium Tel.: +41 61 299 20 41 Fax: +41 61 299 20 40 : Global\_Product\_EHS\_AdMat@huntsman.com e-mail address of person responsible for this SDS 1.4 Emergency telephone number Supplier **Telephone number** : EUROPE: +32 35 75 1234 France ORFILA: +33(0)145425959 ASIA: +65 6336-6011 China: +86 20 39377888 Australia: 1800 786 152 New Zealand: 0800 767 437 USA: +1/800/424.9300

## **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Product definition : Mixture

#### Classification according to Directive 1999/45/EC [DPD]

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification	: Xi; R41, R38 R43 R52/53
Human health hazards	: Risk of serious damage to eyes. Irritating to skin. May cause sensitisation by skin contact.
Environmental hazards	: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

See Section 16 for the full text of the R phrases or H statements declared above. See Section 11 for more detailed information on health effects and symptoms.

#### 2.2 Label elements

Hazard symbol or symbols



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## **SECTION 2: Hazards identification**

Indication of danger	Irritant	
Risk phrases	<ul> <li>R41- Risk of serious damage to eyes.</li> <li>R38- Irritating to skin.</li> <li>R43- May cause sensitisation by skin contact.</li> <li>R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in th aquatic environment.</li> </ul>	е
Safety phrases	S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39- Wear suitable protective clothing, gloves and eye/face protection. S61- Avoid release to the environment. Refer to special instructions/safety data sheet.	
Hazardous ingredients	triethylenetetramine	
Supplemental label elements	Not applicable.	
Special packaging requiren	<u>nts</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	: Not available.
not result in classification	

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

Substance/mixture	: Mixture				
			Class	sification	
Product/ingredient name	Identifiers	%	67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	Туре
triethylenetetramine	CAS: 112-24-3	13 - 30	Xn; R21 C; R34 R43 R52/53	Acute Tox. 4, H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 3, H412	[1]
			See section 16 for the full text of the R- phrases declared above	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 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

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

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

## 4.1 Description of first aid measures

Eye contact	:	Get medical attention immediately. 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. Chemical burns must be treated promptly by a physician.
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.
Skin contact	:	Flush contaminated skin with plenty of 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.
Ingestion	:	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air 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

Potential acute health	<u>i effects</u>
Eye contact	: Severely irritating to eyes. Risk of serious damage to eyes.
Inhalation	: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin contact	: Irritating to skin. May cause sensitisation by skin contact.
Ingestion	: Irritating to mouth, throat and stomach.
<u>Over-exposure signs/</u>	/symptoms
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation
	redness

## 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.

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

Specific treatments

: Symptomatic treatment and supportive therapy as indicated. Following severe exposure the patient should be kept under medical review for at least 48 hours.

#### 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 Hazards from the : In a fire or if heated, a pressure increase will occur and the container may burst. substance or mixture : Decomposition products may include the following materials: Hazardous thermal carbon dioxide decomposition products carbon monoxide nitrogen oxides 5.3 Advice for firefighters Special precautions for : 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 fire-fighters training. This material is harmful to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. **Special protective** Fire-fighters should wear appropriate protective equipment and self-contained ŝ 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	ective 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 Section 8 for additional information on hygiene measures.
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). Water polluting material.
6.3 Methods and materials for	containment 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.

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## SECTION 6: Accidental release measures

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 spilt 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. Keep away from acids. 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 between the following temperatures: 2 to 40°C (35.6 to 104°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. Separate from acids. 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.
Storage hazard class Huntsman Advanced Materials	: Storage class 12, Liquids, not dangerous
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. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 8.1 Control parameters

#### **Occupational exposure limits**

No exposure limit value known.

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<b>SECTION 8: Exposu</b>	re controls/pers	sonal protection		
Recommended monitoring procedures	: If this product cont atmosphere or bio of the ventilation o protective equipme methods for the as	: 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 European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.		
Derived effect levels No DELs available.				
Predicted effect concentrate No PECs available.	<u>tions</u>			
8.2 Exposure controls				
Appropriate engineering controls	control worker exp ingredients with e	posure to airborne contaminant xposure limits, use process end	ral ventilation should be sufficient s. If this product contains closures, local exhaust ventilatior ure below any recommended or	
Individual protection meas				
Hygiene measures	eating, smoking a Appropriate techn Contaminated wo contaminated clot	nd using the lavatory and at the iques should be used to remov rk clothing should not be allowe	handling chemical products, before end of the working period. The potentially contaminated clothing ad out of the workplace. Wash at eyewash stations and safety	
Eye/face protection			ndard should be used when a risk exposure to liquid splashes, mist	
Skin protection				
Hand protection			with an approved standard shou ducts if a risk assessment indicat	
Material of gloves for long term application (BTT>480min):	: Ethyl Vinyl Alcoho	I Laminate (EVAL), butyl rubbe	r	
Material of gloves for short term/splash application (10min <btt<480min):< td=""><td>: nitrile rubber</td><td></td><td></td></btt<480min):<>	: nitrile rubber			
(BTT = Break Through Time)				
	Suitability and dur duration of contact			
Body protection		and the risks involved and shou	Id be selected based on the task Id be approved by a specialist	
Other skin protection	selected based or	<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	: In case of inadeque must be based on	uate ventilation wear respiratory	y protection. Respirator selection e levels, the hazards of the produ	

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SECTION 9. Expedute controls/percend protection					
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## SECTION 8: Exposure controls/personal protection

**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.

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

#### 9.1 Information on basic physical and chemical properties **Appearance Physical state** : Liquid. Colour : Clear. Odour : Amine-like. : Not available. **Odour threshold** : 12 [Conc. (% w/w): 50%] pH Melting point/freezing point : Not available. Initial boiling point and boiling : >200°C range : Closed cup: 152°C [DIN 51758 EN 22719 (Pensky-Martens Closed Cup)] Flash point Not available. **Evaporation rate** Not available. Flammability (solid, gas) : Not applicable. **Burning time** : Not applicable. **Burning rate** : Not available. Upper/lower flammability or explosive limits : 0.0001 kPa [20°C] Vapour pressure : Not available. Vapour density **Relative density** Not available. Solubility(ies) Water solubility 20 deg C miscible Partition coefficient: n-: Not available. octanol/water Auto-ignition temperature : Not available. : >200°C **Decomposition temperature** : Dynamic: 370 to 470 mPa-s 25 deg C Viscosity **Explosive properties** : Not available. : Not available. **Oxidising properties** 9.2 Other information

Density

: 1 to 1.05 g/cm<sup>3</sup> [25°C (77°F)]

## 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.

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SECTION 10: Stabilit	ty and reactivity		
10.4 Conditions to avoid	: No specific data.		
10.5 Incompatible materials	: Reactive or incomp acids	atible with the following materi	als:
	strong bases, stron	g oxidising agents	
40.0 Users dave			
10.6 Hazardous decomposition products	should not be produ		ardous decomposition products

## **SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Endpoint	Species	Result	Exposure
REN® HY 956	LD50 Dermal	Rat	>2150 mg/kg	-
	LD50 Oral	Rat	4500 mg/kg	-
triethylenetetramine	LD50 Dermal	Rabbit - Male, Female	1465 mg/kg	-
	LD50 Oral	Rat - Male, Female	1716 mg/kg	-

## Irritation/Corrosion

Product/ingredient name	Test	Species	Result		
REN® HY 956	404 Acute Dermal Irritation/Corrosion 405 Acute Eye Irritation/Corrosion	Rabbit Rabbit	Irritant Severe irritant		
triethylenetetramine	-	Rabbit	Corrosive		
Conclusion/Summary	: Not available.				
Skin	: triethylenetetramine: Corrosive to the skin.				

#### **Sensitiser**

Product/ingredient name	Test	Route of exposure	Species	Result
REN® HY 956 triethylenetetramine	- OECD 406 Skin Sensitization	skin skin	Guinea pig Guinea pig	Sensitising Sensitising

**Conclusion/Summary** : Not available.

### **Mutagenicity**

Product/ingredient name	Test	Result	
triethylenetetramine	-	Positive	
	-	Negative	
Conclusion/Summary	: Not available.		
<b>Carcinogenicity</b>			
Reproductive toxicity			
<b>Teratogenicity</b>			
Information on the likely routes of exposure	: Not available.		
Potential acute health effect	<u>ts</u>		
Inhalation	: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.		
Ingestion	: Irritating to mouth, throat and stomach.		
Skin contact	: Irritating to skin. May cause s	ensitisation by skin contact.	

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## **SECTION 11: Toxicological information**

SECTION II. TOXICOI	Ų	gical information
Eye contact	1	Severely irritating to eyes. Risk of serious damage to eyes.
Symptoms related to the ph	ys	ical, chemical and toxicological characteristics
Inhalation	1	No specific data.
Ingestion	1	No specific data.
Skin contact	:	Adverse symptoms may include the following: irritation redness
Eye contact	:	Adverse symptoms may include the following: pain or irritation watering redness
Delayed and immediate effe	cts	and also chronic effects from short and long term exposure
Short term exposure		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Long term exposure		
Potential immediate effects	:	Not available.

## Potential delayed effects : Not available.

## Potential chronic health effects

Product/ingredient name	Test	Result typ	Result type		Target organs
triethylenetetramine	-	NOAEL	Sub- chronic NOAEL Oral	50 mg/kg/d	-
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

### 12.2 Persistence and degradability

#### **12.3 Bioaccumulative potential**

Not available.

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

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## SECTION 12: Ecological information

12.5 Results of PBT and vPvB assessment

Not applicable.

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

#### 12.7 Other ecological information

## **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. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. 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.

## Hazardous waste

#### European waste catalogue (EWC)

: Yes.

Waste code	Waste designation			
07 02 04*	other organic solvents, washing liquids and mother liquors			
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**

	14.1 UN number	14.2 UN proper shipping name
ADR/RID	Not regulated.	-
ADN/ADNF	not available	not available
IMDG	Not regulated.	-
ΙΑΤΑ	Not regulated.	-

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## **SECTION 14: Transport information**

	ADR/RID	ADN/ADNR	IMDG	ΙΑΤΑ	
14.3 Transport hazard class(es)	-	not available	-	-	
14.4 Packing group	-		-	-	
14.5 Environmental hazards	No.		No.	No.	
14.6 Special precautions for user	Not available.		Not available.	Not available.	
Additional information	-		Emergency schedules (EmS)	-	

14.7 Transport in bulk: Not applicable.according to Annex II ofMARPOL 73/78 and the IBCCode

## **SECTION 15: Regulatory information**

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

Annex XIV - List of substances subject to authorisation

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** : All components are listed or exempted. **Europe inventory Black List Chemicals** : Not listed : Not listed **Priority List Chemicals Integrated pollution** : Not listed prevention and control list (IPPC) - Air Integrated pollution : Not listed prevention and control list (IPPC) - Water National regulations References

: The provision of Safety Data Sheets comes under Regulation 6 of CHIP (CHIP is the recognised abbreviation for the Chemicals Hazard Information and Packaging Regulations). This is an addition to the Health and Safety at Work Act 1974.

**International regulations** 

86-755-28168941

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Chemical Weapons Convention List Schedule I Chemicals	: Not listed			
Chemical Weapons Convention List Schedule II Chemicals	: Not listed			
Chemical Weapons Convention List Schedule III Chemicals	: Not listed			
15.2 Chemical Safety Assessment	: This produred.	uct contains sub	ostances for which (	Chemical Safety Assessments are still
SECTION 16: Other i	nformatio	n		
Indicates information that I	has changed fr	om previously i	ssued version.	
Abbreviations and acronyms	CLP = Cla 1272/2008 DNEL = D EUH state PNEC = P	8] erived No Effect ment = CLP-sp	elling and Packagin of Level pecific Hazard stater ect Concentration	ng Regulation [Regulation (EC) No. ment
Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 3, H412 Procedure used to derive the		n according to	Population (EC)	
Classif				Justification
Skin Irrit. 2, H315			Expert judgment	
Eye Dam. 1, H318			Expert judgment	
Skin Sens. 1, H317 Aquatic Chronic 3, H412			Expert judgment	
Full text of abbreviated H statements	: H312 Harmful in contac H314 Causes severe sl H315 Causes skin irrita H317 May cause an alle H318 Causes serious e		tact with skin. e skin burns and eye damage. ritation. allergic skin reaction.	
Full text of classifications [CLP/GHS]	Eye Dam.	hronic 3, H412 1, H318 1B, H314 2, H315	AQUATIC TOXICI SERIOUS EYE DA SKIN CORROSIO	Y: SKIN - Category 4 TY (CHRONIC) - Category 3 AMAGE/ EYE IRRITATION - Category 1 N/IRRITATION - Category 1B N/IRRITATION - Category 2 FION - Category 1
Full text of abbreviated R phrases	R34- Caus R41- Risk R38- Irrita R43- May		age to eyes. ation by skin contac	t. cause long-term adverse effects in the

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SECTION 16: Other	information			
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#### Notice to reader

Version

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While the information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE.

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