SAFETY DATA SHEET

HQ Decreaser for barbeques, grills and ovens



1/13

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

1.1 Product identifier	
Product name	: HQ Decreaser for barbeques, grills and ovens
Product code	: 138 HQ
Product description	: Cleaner.
Product type	: Liquid.
Other means of identification	: W9-09606 W9-09606-S W9-09606-SN W9-09606GF W9-09606N

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

Degreaser for barbeques, grills and ovens

1.3 Details of the supplier of the safety data sheet

HG International BV Damsluisweg 70 - NL-1332 EJ - Almere - The Netherlands Tel.: +31 (0)36 54 94 700 - Fax: +31 (0)36 54 94 744 Email: info@hg.eu - Internet: www.hg.eu

e-mail address of person : safety@hg.eu responsible for this SDS

National contact

HQ Nedis b.v. De Tweeling 28 5215 MC 's-Hertogenbosch The Netherlands T: +31 (0)73- 5991055

1.4 Emergency telephone number

National advisory body/Poison Centre

Telephone number	: England and Wales
	NHS Direct: 0845 4647
<u>Supplier</u>	
Telephone number	: +31 (0)36 54 94 777
Hours of operation	: Mo-Fr 9.00-17.00
Information limitations	: Only for medical personnel.

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 Corr. 1, H314 Eye Dam. 1, H318

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.

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SECTION 2: Hazards identification

2.2 Label elements		
Hazard pictograms	-	
Signal word	:	Danger
Hazard statements	:	Causes severe skin burns and eye damage.
Precautionary statements		
General	:	If medical advice is needed, have product container or label at hand. Keep out of reach of children.
Prevention	:	Wear protective gloves and eye protection.
Response	-	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.
Storage	:	Not applicable
Disposal	:	Not applicable
Hazardous ingredients	:	sodium hydroxide Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., sodium salts
Supplemental label elements	:	Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Not applicable.
Special packaging requirem	nen	<u>ts</u>
Containers to be fitted with child-resistant fastenings		Yes, applicable.
Tactile warning of danger	:	Yes, applicable.
2.3 Other hazards		
Other hazards which do	:	None known.

not result in classification

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Туре
sodium hydroxide	REACH #: 01-2119457892-27 EC: 215-185-5 CAS: 1310-73-2	≥2 - <5	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318	[1] [2]
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., sodium salts	CAS: 127184-52-5	≥1 - <5	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	[1]
D-Glucopyranose, oligomers, decyl octyl glycosides	EC: 500-220-1 CAS: 68515-73-1	≥1 - <5	Eye Dam. 1, H318	[1]
sodium etasulfate	EC: 204-812-8 CAS: 126-92-1	≥1 - <3	Skin Irrit. 2, H315 Eye Dam. 1, H318	[1]

SECTION 3: Composition/information on ingredients				
2-ethylhexan-1-ol	EC: 203-234-3 CAS: 104-76-7	<1	Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	[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	: Get medical attention immediately. Call a poison center or physician. 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	: Get medical attention if symptoms occur. Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin contact	: Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Get medical attention immediately. Call a poison center or physician. Chemical burns must be treated promptly by a physician.
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

Over-exposure signs/sym	iptoms
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

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SECTION 4: First aid	I measures	
4.3 Indication of any immed	ate medical attention and special treatment needed	
Notes to physician	 Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. 	
Specific treatments	: No specific treatment.	
SECTION 5: Firefigh	ting measures	
5.1 Extinguishing media		
Suitable extinguishing media	: Not applicable	
Unsuitable extinguishing media	: Not applicable	
5.2 Special hazards arising	from the substance or mixture	
Hazards from the substance or mixture	: In a fire or if heated, a pressure increase will occur and the container may burst.	
Hazardous combustion products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides metal oxide/oxides	
5.3 Advice for firefighters		
Special protective actions for fire-fighters	: 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.	
Special protective equipment for fire-fighters	: 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)	

SECTION 6: Accidental release measures

chemical incidents.

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. 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	со	entainment 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.

conforming to European standard EN 469 will provide a basic level of protection for

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). 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. 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 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. 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. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

Recommendations	- 1
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

Product/ingredient name	Exposure limit values
sodium hydroxide	EH40/2005 WELs (United Kingdom (UK), 12/2011).
	STEL: 2 mg/m ³ 15 minutes.
2-ethylhexan-1-ol	EU OEL (Europe, 12/2017). Notes: list of indicative
	occupational exposure limit values
	TWA: 1 ppm 8 hours.
	TWA: 5,4 mg/m ³ 8 hours.

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SECTION 8: Exposure controls/personal protection

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	: If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Individual protection measur	es
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	: 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: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead. Recommended: chemical splash goggles.
Skin protection	
Hand protection	 Use protective gloves. Staff training in the correct use and maintenance of personal protective equipment must be guaranteed. Protection for long-term use or submersion For long-term use or submersion, use nitrile rubber gloves of a thickness of at least 0.38mm (thickness depends on type of glove and quality), for a penetration time of at least 480 minutes, tested according to the standard EN 374:2003.
	 Protection for short-term use (≤30 min) or splash protection For short-term use (≤30 min) or splash protection, use nitrile rubber gloves of a thickness of at least 0.38mm (thickness depends on type of glove and quality), for a penetration time of at least 30 minutes, tested according to the standard EN 374: 2003.
	IMPORTANT: in order to guarantee the safe use of gloves, the following has to be considered when choosing suitable protective gloves: - The simultaneous use of other chemical products; - Necessary protection against physical risks like cutting, perforation or thermal hazards; and - The manufacturer's instructions and/or specifications for the 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.

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SECTION 8: Exposure controls/personal protection

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	:	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.
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 physica	l and chemical properties
<u>Appearance</u>	
Physical state	: Liquid.
Colour	: Yellow.
Odour	: Characteristic.
Odour threshold	: Not available.
рН	: 13 to 13,5 [Conc. (% w/w): 100%]
Melting point/freezing point	: Not available.
Initial boiling point and boiling range	: Not available.
Flash point	: [Product does not sustain combustion.]
Evaporation rate	: Not available.
Flammability (solid, gas)	: Not available.
Upper/lower flammability or explosive limits	: Not available.
Vapour pressure	: Not available.
Vapour density	: Not available.
Relative density	: 1,0558
Solubility(ies)	: Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/ water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Not available.
Explosive properties	: Not available.
Oxidising properties	: Not available.
9.2 Other information	
Solubility in water	: Not available.
No additional information.	
SECTION 10: Stability a	nd reactivity
10.1 Reactivity :	No specific test data related to reactivity available for this product or its ingredients.

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10.3 Possibility of hazardous reactions	: Under normal	conditions of storage a	and use, hazardous	reactions will n	ot occur	-
10.2 Chemical stability	: The product is	stable.				
10.1 Reactivity	: No specific tes	t data related to react	ivity available for this	s product or its	ingredie	nts.

SECTION 10: Stability and reactivity

10.4 Conditions to avoid	:	Not applicable
10.5 Incompatible materials	:	Reactive or incompatible with the following materials: 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

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
sodium etasulfate	LD50 Oral	Rat	4 g/kg	-

Conclusion/Summary : Not available.

Acute toxicity estimates

Not available.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
sodium hydroxide	Eyes - Severe irritant	Monkey	-	24 hours 1	-
		-		Percent	
	Eyes - Mild irritant	Rabbit	-	400	-
				Micrograms	
	Eyes - Severe irritant	Rabbit	-	24 hours 50	-
				Micrograms	
	Eyes - Severe irritant	Rabbit	-	1 Percent	-
	Eyes - Severe irritant	Rabbit	-	24 hours 1	-
				milligrams	
	Eyes - Severe irritant	Rabbit	-	0.5 minutes	-
				1 milligrams	
	Skin - Mild irritant	Human	-	24 hours 2	-
				Percent	
	Skin - Severe irritant	Rabbit	-	24 hours 500	-
				milligrams	
	Skin - Severe irritant	Rabbit	-	0.5 Mililiters	-
sodium etasulfate	Eyes - Mild irritant	Rabbit	-	250	-
		D-b-b-th		Micrograms	
	Skin - Moderate irritant	Rabbit	-	500	-
				milligrams	

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 to	<u>kicity (single exposure)</u>
Not available.	

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SECTION 11: Toxicological information

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes : Not available. of exposure

Potential acute health effects

Eye contact	: Causes serious eye damage.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Causes severe burns.
Ingestion	: No known significant effects or critical hazards.

Symptoms related to the physical, 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 effects as well as chronic effects from short and long-term exposure

Short term exposure		
Potential immediate effects	:	Not available.
Potential delayed effects	1	Not available.
Long term exposure		
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	:	No known significant effects or critical hazards.
Carcinogenicity	:	No known significant effects or critical hazards.
Mutagenicity	1	No known significant effects or critical hazards.
Teratogenicity	:	No known significant effects or critical hazards.
Developmental effects	1	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
sodium hydroxide	Acute EC50 40,38 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
2-ethylhexan-1-ol	Acute LC50 125 ppm Fresh water Acute LC50 28200 µg/l Fresh water	Fish - Gambusia affinis - Adult Fish - Pimephales promelas	96 hours 96 hours
Conclusion/Summary	: Readily biodegradable	·	•

12.2 Persistence and degradability

Conclusion/Summary	: Readily biodegradable		
Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
HQ Decreaser for barbeques, grills and ovens	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
2-ethylhexan-1-ol	2,9	25,33	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

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.
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.

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SECTION 14: Transport information

	ADR/RID	ADN	IMDG	ΙΑΤΑ
14.1 UN number	UN1760	UN1760	UN1760	UN1760
14.2 UN proper shipping name	CORROSIVE LIQUID, N.O.S. (sodium hydroxide, mixture)	CORROSIVE LIQUID, N.O.S. (sodium hydroxide, mixture)	CORROSIVE LIQUID, N.O.S. (sodium hydroxide, mixture)	CORROSIVE LIQUID, N.O.S. (sodium hydroxide, mixture)
14.3 Transport hazard class(es)	8	8	8	8
14.4 Packing group	111	111	111	111
14.5 Environmental hazards	No.	No.	No.	No.
Additional information	Hazard identification number 80 Limited quantity 5 L Special provisions 274 Tunnel code (E)	-	Emergency schedules F-A, S-B	-

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 applicable.
according to Annex II of	
Marpol and the IBC Code	

SECTION 15: Regulatory information

15.1	Safety, health and	environmental r	egulations/legislation	specific for the	e substance o	or mixture
EU	Regulation (EC) No	o. 1907/2006 (RE	ACH)			

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 : 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. **Black List Chemicals** :

(76/464/EEC)

Ozone depleting substances (1005/2009/EU)

Not listed.

SECTION 15: Regulatory information

Prior Informed Consen	<u>it (PIC) (649/2012/EU)</u>	
Not listed.		
Seveso Directive		
	olled under the Seveso Directive.	
Contains (Regulation		5%
(EC) No 648/2004)		570
International regulations	S	
	- vention List Schedules I, II & III Chemicals	
Not listed.		
Martin I Desta a 1 (Asso		
Montreal Protocol (Anne	<u>exes A, B, C, E)</u>	
Not listed.		
Stockholm Convention	on Persistent Organic Pollutants	
Not listed.		
Rotterdam Convention	on Prior Informed Consent (PIC)	
Not listed.		
UNECE Aarhus Protoco	I on POPs and Heavy Metals	
Not listed.		
International lists		
National inventory		
Australia	: Not determined.	
Canada	: Not determined.	
China	: Not determined.	
Turkey	: Not determined.	
United States	: Not determined.	
Taiwan	: Not determined.	
Philippines	: Not determined.	
New Zealand	: Not determined.	
Malaysia	: Not determined.	
Republic of Korea	: Not determined.	
Japan	: Japan inventory (ENCS): Not determined. Japan inventory (ISHL): Not determined.	
15.2 Chemical safety	: This product contains substances for which Chemical Safety Assessments are s	\ #i
I J.Z. UNEIMUAI SAIELY	. This product contains substances for which chemical salety Assessments are s	วนม

assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Indicates information the second s	hat 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	e the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

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

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SECTION 16: Othe			
Classification			Justification
Skin Corr. 1, H314 Eye Dam. 1, H318			Expert judgment Expert judgment
Full text of abbreviated H	<u>statements</u>		•
H290 H302 H312 H314 H315 H318 H319 H412		May be corrosive to metals. Harmful if swallowed. Harmful in contact with skin. Causes severe skin burns and eye damage. Causes skin irritation. Causes serious eye damage. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.	
Full text of classifications	[CLP/GHS]		
Acute Tox. 4, H302 Acute Tox. 4, H312 Aquatic Chronic 3, H412 Eye Dam. 1, H318 Eye Irrit. 2, H319 Met. Corr. 1, H290 Skin Corr. 1, H314 Skin Corr. 1A, H314 Skin Irrit. 2, H315		ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 CORROSIVE TO METALS - Category 1 SKIN CORROSION/IRRITATION - Category 1 SKIN CORROSION/IRRITATION - Category 1 SKIN CORROSION/IRRITATION - Category 1 SKIN CORROSION/IRRITATION - Category 2	
Date of printing Date of issue/ Date of	: 17-1-2019 : 17-1-2019		
revision	. 17-1-2019		
Date of previous issue	: 18-6-2018		
Version	: 3		
lation to vendor			

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.