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For purchasing information visit: Bona Cleaner Concentrate

SAFETY DATA SHEET



Bona Cleaner.

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

1.1 Product identifier

Product description

Product name

: Bona Cleaner.

: Cleaner.

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

Identified uses

Professional use of floor care products

Uses advised against Not applicable.

1.3 Details of the supplier of the safety data sheet

Bona AB Box 210 74 SE-200 21 MALMÖ SWEDEN Tel. +46-(0)40-38 55 00 e-mail address of person

: Environment@bona.com

responsible for this SDS

National contact

Bona Limited 8 Thornton Chase, Linford Wood Milton Keynes, MK14 6FD Phone 01908 525150

1.4 Emergency telephone number

Emergency telephone : +44 1235 239670 number

Supplier

Telephone number	: +46 (0)40 385500
Hours of operation	: 8:00 - 16:00 (CET +1:00)
Information limitations	: Information in English only!

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to UK CLP/GHS Eye Irrit. 2, H319

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 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

Date of issue/Date of revision

SECTION 2: Hazards identification

Hazard pictograms	:	
Signal word	: Warning	
Hazard statements	: Causes serious eye irritation.	
Precautionary statements		
General	: Keep out of reach of children. If medical advice is needed, have product containe or label at hand.	۶r
Prevention	: Not applicable	
Response	: IF IN EYES: IF IN EYES: Rinse cautiously with water for several minutes. Remov contact lenses, if present and easy to do. Continue rinsing.	'e
Storage	: Not applicable.	
Disposal	: Not applicable.	
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	<u>ents</u>	
Containers to be fitted with child-resistant fastenings	: Not applicable.	
Tactile warning of danger	: Not applicable.	
2.3 Other hazards		
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.	l
Other hazards which do not result in classification	: None known.	

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Classification	Туре
Oxirane, 2-methyl-, polymer with	REACH #:	≤5	Acute Tox. 4, H302	[1]
oxirane, monobutyl ether	02-2119630717-36			
	EC: 618-542-7			
	CAS: 9038-95-3			
2-(2-butoxyethoxy)ethanol	REACH #:	≤5	Eye Irrit. 2, H319	[1] [2]
	01-2119475104-44			
	EC: 203-961-6			
	CAS: 112-34-5			
	Index: 603-096-00-8			
Ethoxylated alcohol	REACH #:	≤3	Acute Tox. 4, H302	[1]
	02-2119549270-44		Skin Irrit. 2, H315	
			Eye Irrit. 2, H319	
2-phenoxyethanol	REACH #:	<3	Acute Tox. 4, H302	[1]
	01-2119488943-21		Eye Dam. 1, H318	
	EC: 204-589-7		STOT SE 3, H335	
	CAS: 122-99-6			

SECTION 3: Composition/information on ingredients

SECTION 5. Composition/mornation on ingredients				
sodium cumenesulphonate	REACH #: 01-2119489411-37 EC: 248-983-7 CAS: 28348-53-0	≤3	Eye Irrit. 2, H319	[1]
			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

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

SECTION 4: First aid measures

neasures
: 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.
: 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.
: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
: Wash out mouth with water. Remove dentures if any. 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.
: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/s	symptoms
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: No specific data.
Skin contact	: No specific data.
Ingestion	: No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Bona Cleaner.				
SECTION 4: First aid measures				
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: Firefigh	ting measures			
5.1 Extinguishing media Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.			
Unsuitable extinguishing media	: None known.			
5.2 Special hazards arising	rom 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 nitrogen oxides 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. 			

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. 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and
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SECTION 6: Accidental release measures

Section 13 for waste disposal.

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 ingest. Avoid contact with eyes, skin and clothing. 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

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

7.3 Specific end use(s)

Recommendations: Not available.Industrial sector specific: Not available.solutions: Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
2-(2-butoxyethoxy)ethanol	EH40/2005 WELs (United Kingdom (UK), 1/2020). TWA: 10 ppm 8 hours. STEL: 15 ppm 15 minutes. TWA: 67.5 mg/m ³ 8 hours. STEL: 101.2 mg/m ³ 15 minutes.

Biological exposure indices

No exposure indices known.

Recommended monitoring : Reference should be made to appropriate monitoring standards. 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
2-(2-butoxyethoxy)ethanol	DNEL	Short term Inhalation	67.5 mg/m ³	Workers	Local
	DNEL	Long term Dermal	20 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Inhalation	50.5 mg/m ³	General population [Consumers]	Local
	DNEL	Long term Dermal	10 mg/kg bw/day	General population [Consumers]	Systemic
	DNEL	Long term Inhalation	34 mg/m ³	General population [Consumers]	Systemic
	DNEL	Long term Oral	1.25 mg/ kg bw/day	General population [Consumers]	Systemic
	DNEL	Long term Oral	6.25 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	67.5 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	101.2 mg/ m³	Workers	Local
2-phenoxyethanol	DNEL	Long term Inhalation	2.41 mg/m ³	General population	Local
	DNEL	Long term Inhalation	2.41 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	5.7 mg/m³	Workers	Local
	DNEL	Long term Inhalation	5.7 mg/m³	Workers	Systemic
	DNEL	Short term Oral	9.23 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Oral	9.23 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	10.42 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	20.83 mg/ kg bw/day	Workers	Systemic

No PNECs available

8.2 Exposure controls	
Appropriate engineering controls	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Individual protection meas	ures
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.
Skin protection	

SECTION 8: Exposure controls/personal protection

worn at all times when handling chemical produ is necessary. Considering the parameters sp ck during use that the gloves are still retaining uld be noted that the time to breakthrough for erent for different glove manufacturers. In the eral substances, the protection time of the glov	ucts if a risk assessment indicates ecified by the glove manufacturer, their protective properties. It any glove material may be case of mixtures, consisting of ves cannot be accurately
ng performed and the risks involved and should	
ected based on the task being performed and t	he risks involved and should be
ropriate standard or certification. Respirators piratory protection program to ensure proper fit	must be used according to a
ure they comply with the requirements of envir ome cases, fume scrubbers, filters or enginee	onmental protection legislation. ring modifications to the process
be v this che sho diffe seve estii : Pers beir befo : App sele app : Bas app resp asp : Emi ens In s	 Chemical-resistant, impervious gloves complying the worn at all times when handling chemical products this is necessary. Considering the parameters specheck during use that the gloves are still retaining should be noted that the time to breakthrough for a different for different glove manufacturers. In the different for different glove manufacturers. In the diseveral substances, the protection time of the glove estimated. > 8 hours (breakthrough time): nitrile response performed and the risks involved and should being performed and the risks involved and should before handling this product. Appropriate footwear and any additional skin protes selected based on the task being performed and the approved by a specialist before handling this product. Based on the hazard and potential for exposure, s appropriate standard or certification. Respirators prespiratory protection program to ensure proper fit aspects of use. Emissions from ventilation or work process equipment of use.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance Physical state

Physical state	: Liquid.
Colour	: Not available.
Odour	: Not available.
Odour threshold	: Not applicable.
Melting point/freezing point	: 0°C
Initial boiling point and boiling range	: 100°C (212°F)
Flammability (solid, gas)	: Not applicable.
Upper/lower flammability or explosive limits	: Not applicable.
Flash point	: [Product does not sustain combustion.]
Auto-ignition temperature	: Not applicable.
Decomposition temperature	: Not applicable.
рН	: 7 [Conc. (% w/w): 1%]

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Viscosity : Not available.

Solubility(ies)

Media		Result
cold water hot water		Easily soluble Easily soluble
Solubility in water	:	Not available.
Miscible with water	:	Yes.
Partition coefficient: n-octanol/ water	:	Not applicable.
Vapour pressure	:	Not available.
Relative density	: 1	
Density	:	1 g/cm³ [20°C (68°F)]

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: No previous validation

SECTION 9: Physical and chemical properties

-	
Vapour density	: Not available.
Explosive properties	: Not available.
Oxidising properties	: Not available.
Particle characteristics	
Median particle size	: Not applicable.

SECTION 10: Stabilit	nd reactivity	
10.1 Reactivity	No specific test data related to reactivity available for this product or its ingr	redients.
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 o	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 pro should not be produced.	ducts

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Oxirane, 2-methyl-, polymer with oxirane, monobutyl ether	LC50 Inhalation Vapour	Rat	147 mg/m³	4 hours
	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	5 g/kg	-
2-(2-butoxyethoxy)ethanol	LD50 Dermal	Rabbit	2700 mg/kg	-
	LD50 Oral	Rat	4500 mg/kg	-
2-phenoxyethanol	LD50 Dermal	Rat	14422 mg/kg	-
	LD50 Oral	Rat	200 mg/kg	-

Conclusion/Summary : Not available.

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Bona Cleaner.	4922.7	N/A	N/A	N/A	N/A
Oxirane, 2-methyl-, polymer with oxirane, monobutyl ether	500	N/A	N/A	N/A	N/A
2-(2-butoxyethoxy)ethanol	4500	2700	N/A	N/A	N/A
Ethoxylated alcohol	500	N/A	N/A	N/A	N/A
2-phenoxyethanol	500	14422	N/A	N/A	N/A

Irritation/Corrosion

SECTION 11: Toxicological information

Product/ingredient name	Result	Species	Score	Exposure	Observation	
Oxirane, 2-methyl-, polymer with oxirane, monobutyl ether	Eyes - Severe irritant	Rabbit	-	50 mg	-	
	Skin - Mild irritant	Rabbit	-	500 mg	-	
2-(2-butoxyethoxy)ethanol	Eyes - Moderate irritant	Rabbit	-	24 hours 20 mg	-	
	Eyes - Severe irritant	Rabbit	-	20 mg	-	
2-phenoxyethanol	Eyes - Moderate irritant	Rabbit	-	6 mg	-	
	Eyes - Severe irritant	Rabbit	-	24 hours 250 ug	-	
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-	
Conclusion/Summary			-			
Eyes	: Causes serious eye irritation.					
<u>Sensitisation</u>						
Conclusion/Summary	: Not available.					

Mutagenicity	
Conclusion/Summary	: Not available.
Carcinogenicity	
Conclusion/Summary	: Not available.
Reproductive toxicity	
Conclusion/Summary	: Not available.
Teratogenicity	
Conclusion/Summary	: Not available.

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
2-phenoxyethanol	Category 3		Respiratory tract irritation

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 irritation.
Inhalation	;	No known significant effects or critical hazards.
Skin contact	÷	No known significant effects or critical hazards.
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 or irritation watering redness
Inhalation	: No specific data.
Skin contact	: No specific data.
Ingestion	: No specific data.

SECTION 11: Toxicological information

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	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health effe	ects
Not available.	
Conclusion/Summary	: Not available.
General	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.

Other information

: Not available.

SECTION 12: Ecological information

12.1 Toxicity

Result	Species	Exposure
EC50 >100 mg/l	Algae	72 hours
EC50 >100 mg/l	Daphnia	48 hours
3	Fish	96 hours
Acute LC50 1300000 µg/l Fresh water	Fish - Bluegill - Lepomis macrochirus	96 hours
Acute EC50 >100 mg/l	Algae	72 hours
	Daphnia	48 hours
Acute LC50 344000 µg/l Fresh water	Fish - Fathead minnow - Pimephales promelas	96 hours
	EC50 >100 mg/l EC50 >100 mg/l LC50 >100 mg/l Acute LC50 1300000 μg/l Fresh water Acute EC50 >100 mg/l Acute EC50 >100 mg/l	EC50 >100 mg/lAlgaeEC50 >100 mg/lDaphniaLC50 >100 mg/lFishAcute LC50 1300000 μg/l Fresh waterFish - Bluegill - Lepomis macrochirusAcute EC50 >100 mg/lAlgaeAcute EC50 >100 mg/lAlgaeAcute EC50 >100 mg/lDaphniaAcute LC50 344000 μg/l Fresh waterFish - Fathead minnow -

12.2 Persistence and degradability

Conclusion/Summary : Not available

oonclusion/ouninary			
Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Oxirane, 2-methyl-, polymer with oxirane, monobutyl	-	-	Readily
ether Ethoxylated alcohol	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
2-(2-butoxyethoxy)ethanol	1	-	low
2-phenoxyethanol	1.107	0.3493	low

12.4 Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

SECTION 12: Ecological information

Mobility

: Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

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	 Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.
Waste catalogue	

Waste code	Waste designation	
20 01 30	detergents other than those mentioned in 20 01 29	
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	IATA
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.

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 IMO instruments

: Not available.

Date of issue/Date of revision

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
UK (GB)/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.
Ozone depleting substances Not listed.
Prior Informed Consent (PIC) Not listed.
Persistent Organic Pollutants Not listed.
Annex XVII - Restrictions : Not applicable.
on the manufacture, placing on the market
and use of certain
dangerous substances, mixtures and articles
Seveso Directive
This product is not controlled under the Seveso Directive.
EU regulations
Industrial emissions : Not listed (integrated pollution prevention and control) - Air
Industrial emissions : Not listed (integrated pollution prevention and control) - Water
International regulations
Chemical Weapon Convention List Schedules I, II & III Chemicals Not listed.
Montreal Protocol 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.
Inventory list
Australia : Not determined.
Canada : Not determined.
China : Not determined.
Eurasian Economic Union : Russian Federation inventory: Not determined.

SECTION 15: Regulatory information

Japan	: Japan inventory (CSCL): At least one component is not listed. Japan inventory (ISHL): At least one component is not listed.
New Zealand	: All components are listed or exempted.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: At least one component is not listed.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: Not determined.
Viet Nam	: Not determined.
15.2 Chemical safety assessment	: This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Indicates information that has changed fi	from previously issued version.
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Abbreviations and	: ATE = Acute Toxicity Estimate
acronyms	GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and
	Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019
	No. 720 and amendments
	DMEL = Derived Minimal Effect Level
	DNEL = Derived No Effect Level
	EUH statement = GB CLP-specific Hazard statement
	N/A = Not available
	PBT = Persistent, Bioaccumulative and Toxic
	PNEC = Predicted No Effect Concentration
	RRN = REACH Registration Number
	SGG = Segregation Group
	vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification

Classification	Justification
Eye Irrit. 2, H319	Calculation method

Full text of abbreviated H statements

H302 H315 H318 H319 H335	Harmful if swallowed. Causes skin irritation. Causes serious eye damage. Causes serious eye irritation.
H335	May cause respiratory irritation.

Full text of classifications

Acute Tox. 4 Eye Dam. 1 Eye Irrit. 2 Skin Irrit. 2 STOT SE 3	ACUTE TOXICITY - Category 4 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 2 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3
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Date of issue/ Date of revision	: 11/16/2022
Date of previous issue	No previous validation
Version	: 1
Notice to reader	

SECTION 16: Other information

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.

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