

The following Safety Datasheet is provided by **Bona**

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For purchasing information visit:

Bona SuperSport Deep Clean

SAFETY DATA SHEET



Bona SuperSport Deep Clean

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

1.1 Product identifier

Product name : Bona SuperSport Deep Clean

Product description : Cleaner.

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

Identified uses

Not applicable.

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

Skin Irrit. 2, H315 Eye Dam. 1, H318

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

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SECTION 2: Hazards identification

Hazard pictograms

Signal word : Danger

Hazard statements: Causes skin irritation.

Causes serious eye damage.

Precautionary statements

General : Read label before use. Keep out of reach of children. If medical advice is needed,

have product container or label at hand.

Prevention: Wear protective gloves and eye protection.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Immediately call a

POISON CENTER or doctor.

Storage: Not applicable.Disposal: Not applicable.Supplemental label: Not applicable.

elements

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Not applicable.

Special packaging requirements

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.

Other hazards which do not result in classification

: None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture

Product/ingredient name	Identifiers	%	Classification	Туре
Isotridecanol, ethoxylated	EC: 500-241-6 CAS: 69011-36-5	≤10	Acute Tox. 4, H302 Eye Dam. 1, H318	[1]
ethanol	REACH #: 01-2119457610-43 EC: 200-578-6 CAS: 64-17-5	≤5	Flam. Liq. 2, H225	[2]
2-aminoethanol	REACH #: 01-2119486455-28 EC: 205-483-3 CAS: 141-43-5	≤3	Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335	[1] [2]

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Bona SuperSport Deep Clean							
SECTION 3: Composition/information on ingredients							
	See Section 16 for the full text of the H statements declared						

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.

Type

- [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

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 immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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. 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

: 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. 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. Chemical burns must be treated promptly by a physician. 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. 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/symptoms

Eye contact: Adverse symptoms may include the following:

pain watering redness

Inhalation : No specific data.

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SECTION 4: First aid measures

Skin contact : Adverse symptoms may include the following:

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.

: No specific treatment. **Specific treatments**

SECTION 5: Firefighting 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 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 nitrogen 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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective 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

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 (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 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 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. 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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
ethanol	EH40/2005 WELs (United Kingdom (UK), 1/2020).
	TWA: 1000 ppm 8 hours.
	TWA: 1920 mg/m³ 8 hours.
2-aminoethanol	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed
	through skin.
	STEL: 7.6 mg/m³ 15 minutes.
	STEL: 3 ppm 15 minutes.
	TWA: 1 ppm 8 hours.
	TWA: 2.5 mg/m ³ 8 hours.

Biological exposure indices

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SECTION 8: Exposure controls/personal protection

No exposure indices known.

Recommended monitoring procedures

: 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	Type	Exposure	Value	Population	Effects
Isotridecanol, ethoxylated	DNEL	Long term Oral	25 mg/kg	General	Systemic
	DNE	1 4	bw/day	population	0
	DNEL	Long term	87 mg/m³	General	Systemic
	DNE	Inhalation	20.4 m a/m³	population	Cyatamia
	DNEL	Long term Inhalation	294 mg/m ³	Workers	Systemic
	DNEL	Long term Dermal	1250 mg/	General	Systemic
	DIVLL	Long term berman	kg bw/day	population	Oysternic
	DNEL	Long term Dermal	2080 mg/	Workers	Systemic
		Long tomi Domiai	kg bw/day	VV GIRGIG	a you con mo
ethanol	DNEL	Short term	950 mg/m ³	General	Local
		Inhalation	3	population	
				[Consumers]	
	DNEL	Long term Dermal	206 mg/kg	General	Systemic
			bw/day	population	
			-	[Consumers]	
	DNEL	Long term	114 mg/m³	General	Systemic
		Inhalation		population	
				[Consumers]	
	DNEL	Long term Oral	87 mg/kg	General	Systemic
			bw/day	population	
	DATE		07 "	[Consumers]	
	DNEL	Long term Oral	87 mg/kg	General	Systemic
	DNEL	l ong torm	bw/day	population	Cyatamia
	DINEL	Long term Inhalation	114 mg/m³	General	Systemic
	DNEL	Long term Dermal	206 mg/kg	population General	Systemic
	DIVLL	Long term berman	bw/day	population	Oysterino
	DNEL	Long term Dermal	343 mg/kg	Workers	Systemic
		Long tomi Domiai	bw/day	W on to re	a you on mo
	DNEL	Short term	950 mg/m ³	General	Local
		Inhalation	J	population	
	DNEL	Long term	950 mg/m ³	Workers	Systemic
		Inhalation			
	DNEL	Short term	1900 mg/	Workers	Local
		Inhalation	m³		
2-aminoethanol	DNEL	Long term	0.18 mg/m ³		Systemic
		Inhalation		population	
	DNEL	Long term	0.28 mg/m ³		Local
	DNE	Inhalation	0.54/3	population	1 1
	DNEL	Long term	0.51 mg/m ³	vvorkers	Local
	DNEL	Inhalation Long term	1 mg/m³	Workers	Systemic
	DIVLE	Inhalation	' '''g/'''	VVOINGIS	Cysternic
	DNEL	Long term Oral	1.5 mg/kg	General	Systemic
		Long tonin Ordi	bw/day	population	Systemio
	DNEL	Long term Dermal	1.5 mg/kg	General	Systemic
			bw/day	population	
	DNE	Long torm Dormal	3 mg/kg	Workers	Systemic
	DNEL	Long term Dermal	o mg/kg	MOLKELS	Oysternic

PNECs

No PNECs available

8.2 Exposure controls

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SECTION 8: Exposure controls/personal protection

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 measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. 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.

Skin protection

Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. > 8 hours (breakthrough time): nitrile rubber

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.

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

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 : Liquid.
Colour : Green. Blue.
Odour : Pleasant.
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 : Not applicable.

explosive limits

Flash point : Not available.

Auto-ignition temperature : Not applicable.

Decomposition temperature : Not applicable.

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SECTION 9: Physical and chemical properties

pH : 1'

Viscosity : Not available.

Solubility(ies) :

Media	Result
cold water hot water	Easily soluble Easily soluble

Solubility in water : Not available.

Partition coefficient: n-octanol/ : Not applicable.

water

Vapour pressure : Not available.

Relative density : 1

Density : 1 g/cm³ [20°C (68°F)]

Vapour density : Not available.

Explosive properties : Not available.

Oxidising properties : Not available.

Particle characteristics

Median particle size : Not applicable.

SECTION 10: Stability and reactivity

10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability : The product is stable.

10.3 Possibility of hazardous reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid : No specific data.

10.5 Incompatible materials : No specific data.

10.6 Hazardous decomposition products

: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
ethanol	LC50 Inhalation Vapour	Mouse	>20 mg/l	4 hours
	LC50 Inhalation Vapour	Rat	124700 mg/m ³	4 hours
	LD50 Dermal	Rat	>15800 mg/kg	-
	LD50 Oral	Rat	7 g/kg	-
	LD50 Oral	Rat	>10470 mg/kg	-
2-aminoethanol	LD50 Oral	Rat	1720 mg/kg	-

Conclusion/Summary : Not available.

Acute toxicity estimates

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SECTION 11: Toxicological information

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Bona SuperSport Deep Clean	8730.2	51972.6	N/A	519.7	N/A
Isotridecanol, ethoxylated	500	N/A	N/A	N/A	N/A
ethanol	7000	N/A	N/A	124.7	N/A
2-aminoethanol	1720	1100	N/A	11	N/A

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
ethanol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Eyes - Moderate irritant	Rabbit	-	0.066666667	-
				minutes 100	
				mg	
	Eyes - Moderate irritant	Rabbit	-	100 uL	-
	Eyes - Severe irritant	Rabbit	-	500 mg	-
	Skin - Mild irritant	Rabbit	-	400 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20	-
				mg	
2-aminoethanol	Eyes - Severe irritant	Rabbit	-	250 ug	-
	Skin - Moderate irritant	Rabbit	-	505 mg	-

Conclusion/Summary

Skin : 431 In Vitro Skin Corrosion: Human Skin Model Test Non-corrosive to skin.

Eyes : Causes serious eye damage.

Sensitisation

Conclusion/Summary

Skin : Causes skin irritation.

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-aminoethanol	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 damage.

Inhalation : No known significant effects or critical hazards.

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SECTION 11: Toxicological information

Skin contact : Causes skin irritation.

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 : Not available.

effects

Potential delayed effects : Not available.

Long term exposure

Potential immediate

effects

: Not available.

Potential delayed effects : Not available.

Potential chronic health effects

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
Acute EC50 17.921 mg/l Marine water	Algae - Green algae - Ulva	96 hours
	pertusa	
Acute EC50 >100 mg/l	Aquatic plants	48 hours
Acute EC50 12.34 mg/l	Daphnia	48 hours
Acute EC50 2000 μg/l Fresh water	Daphnia - Water flea - Daphnia magna	48 hours
Acute LC50 25500 μg/l Marine water	Crustaceans - San Francisco Brine Shrimp - Artemia franciscana - Larvae	48 hours
Acute LC50 >100 mg/l	Fish	48 hours
Acute LC50 42000 µg/l Fresh water	Fish - Rainbow trout,donaldson trout - Oncorhynchus mykiss	4 days
Chronic NOEC 4.995 mg/l Marine water	Algae - Green algae - Ulva pertusa	96 hours
Chronic NOEC 100 ul/L Fresh water	Daphnia - Water flea - Daphnia magna - Neonate	21 days
	Acute EC50 17.921 mg/l Marine water Acute EC50 >100 mg/l Acute EC50 12.34 mg/l Acute EC50 2000 µg/l Fresh water Acute LC50 25500 µg/l Marine water Acute LC50 >100 mg/l Acute LC50 42000 µg/l Fresh water Chronic NOEC 4.995 mg/l Marine water	Acute EC50 17.921 mg/l Marine water Acute EC50 >100 mg/l Acute EC50 12.34 mg/l Acute EC50 2000 µg/l Fresh water Acute LC50 25500 µg/l Marine water Acute LC50 >100 mg/l Acute LC50 >100 mg/l Acute LC50 >100 mg/l Acute LC50 42000 µg/l Fresh water Acute LC50 42000 µg/l Fresh water Chronic NOEC 4.995 mg/l Marine water Chronic NOEC 100 ul/L Fresh water Acute LC50 12.34 mg/l Daphnia - Water flea - Daphnia Acute LC50 25500 µg/l Marine Fish - Rainbow trout,donaldson trout - Oncorhynchus mykiss Algae - Green algae - Ulva pertusa Daphnia - Water flea - Daphnia

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SECTION 12: Ecological information

		Fish - Eastern mosquitofish -	12 weeks
		Gambusia holbrooki - Larvae	
2-aminoethanol	Acute EC50 8.42 mg/l Fresh water	Algae - Green algae -	72 hours
		Desmodesmus subspicatus	
	Acute LC50 >100000 μg/l Marine water	Crustaceans - Common shrimp,	48 hours
		sand shrimp - Crangon crangon	
		- Adult	
	Acute LC50 170 mg/l Fresh water	Fish - Goldfish - Carassius	96 hours
	-	auratus	
			1

Conclusion/Summary : Not available.

12.2 Persistence and degradability

Conclusion/Summary: Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
ethanol	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
ethanol	-0.35	-	low
2-aminoethanol	-1.31	-	low

12.4 Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

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

Yes.

Waste catalogue

Waste code	Waste designation	
20 01 29*	detergents containing hazardous substances	

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	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.

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

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SECTION 15: Regulatory information

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.

Japan inventory (CSCL): Not determined.

Japan inventory (ISHL): Not determined.

New Zealand : All components are listed or exempted.

Philippines : Not determined.
Republic of Korea : Not determined.
Taiwan : Not determined.
Thailand : Not determined.
Turkey : Not determined.
United States : Not determined.
Viet Nam : Not determined.

15.2 Chemical safety : This product contains substances for which Chemical Safety Assessments are still

assessment required.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms

: ATE = Acute Toxicity Estimate

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

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SECTION 16: Other information

Procedure used to derive the classification

Classification	Justification	
Skin Irrit. 2, H315	On basis of test data	
Eye Dam. 1, H318	Calculation method	

Full text of abbreviated H statements

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.

Full text of classifications

Acute Tox. 4	ACUTE TOXICITY - Category 4
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Flam. Liq. 2	FLAMMABLE LIQUIDS - Category 2
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

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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.

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