

SAFETY DATA SHEET



Dinghy & Rib Cleaner



Issued on 24.03.2022

Code: RDC

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According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product code: Dinghy & Rib cleaner

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

Use: To remove marks from dinghy/rib surfaces

Uses advised against: Do not use for purposes other than those listed.

1.3. Details of the supplier of the safety data sheet

Bainbridge International Limited. Unit 8, Flanders Park, Southampton, Hampshire SO30 2FZ England

1.4. Emergency telephone number

0044 1795 599880

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Physical hazards: Acute Tox. 3 - H301

Health Hazards: Eye Irrit. 3 - H318 Eye Irrit. 2 -H319 Skin irrit. 3-H312

Environmental hazards: Aquatic Chronic 3 -H412

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Pictogram, Signal Word Code(s): **WARNING**



Hazard statements:

EUH208 Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

H302 Harmful if swallowed

H312 Harmful in contact with skin

H318 Causes serious eye damage

H319 Causes serious eye irritation

Precautionary statements:

P264 Wash contaminated skin thoroughly after handling.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Response

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

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P337+P313 If eye irritation persists: Get medical advice/ attention.

P362 - Take off contaminated clothing and wash before reuse.

P363 - Wash contaminated clothing before reuse.

Labelling: 5 - < 15% anionic surfactants, < 5% amphoteric surfactants

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures.

Substance	Conc. %		Classification	Identification Number		REACH
			Reg 1272/08	CAS	EINECS	
Oxalic Acid	1-2		Skin irrit. 3-H312 Acute Tox .3-H302 Eye Irrit. 3 - H318	CAS EINECS	144-62-7 205-634-3	
(2-METHOXYMETHYLETHOXY) PROPANOL	1-2		Skin irrit. 3-H312 Acute Tox .3-H302 Eye Irrit. 3 - H318	CAS EINECS	34590-94-8 252-104-2	01-2119450011-60
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	1		Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 -H412	CAS EINECS	68891-38-3 500-234-8	01-2119488639-16-XXXX
Alkyl Amidopropyl Betaine	<1		Eye Dam. 1 - H318 Aquatic Chronic 3 - 412	CAS EINECS	147170-44-3 931-296-8	01-2119489410-39-XXXX
Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione	<1		Skin Sens. 1B - H317	CAS EINECS	5395-50-6	
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500- 7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	<1		Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	CAS EINECS	55965-84-9 611-341-5	
Other components below reportable levels	87-95					

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated room.

Direct contact with skin (of the pure product):

Take contaminated clothing immediately off.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

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Direct contact with eyes

Wash immediately and thoroughly with running water, keeping eyelids open for at least 15 minutes,

Ingestion:

Absolutely do not induce vomiting or emesis. Seek medical advice immediately.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Advised extinguishing agents:

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire. Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material.

6.2. Environmental precautions

Avoid discharge into drains or watercourses or onto the ground

6.3. Methods and material for containment and cleaning up

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Neutralise with alkali. Caution. May generate heat. Following dilution and neutralisation, discharge to the sewer with plenty of water may be permitted. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. For waste disposal, see Section 13.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

7. HANDLING AND STORAGE

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7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Store away from incompatible materials (see Section 10). Store away from the following materials: Alkalis. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits

(2-METHOXYMETHYLETHOXY) PROPANOL- No exposure limits known for ingredient(s).

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione No exposure limits known for ingredient(s). reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500- 7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

No exposure limits known for ingredient(s).

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (CAS: 68891-38-3)

DNEL Industry - Dermal; Long term systemic effects: 2750 mg/kg
Industry - Inhalation; Long term systemic effects: 175 mg/m³
Consumer - Dermal; Long term systemic effects: 1650 mg/kg
Consumer - Inhalation; Long term systemic effects: 52 mg/m³
Consumer - Oral; Long term systemic effects: 15 mg/kg

PNEC Fresh water; 0.24 mg/l
marine water; 0.024 mg/l
Intermittent release; 0.071 mg/l STP; 10000 mg/l
Sediment (Freshwater); 0.9168 mg/kg
Sediment (Marinewater); 0.09168 mg/kg Soil; 7.5 mg/kg

Alkyl Amidopropyl Betaine (CAS: 147170-44-3)

DNEL Workers - Inhalation; Long term systemic effects: 44 mg/m³
Workers - Dermal; Long term systemic effects: 12.5 mg/kg
Consumer - Oral; Long term systemic effects: 7.5 mg/kg
Consumer - Dermal; Long term systemic effects: 7.5 mg/kg
PNEC Fresh water; 0.0135 mg/l
marine water; 0.00135 mg/l STP; 3000 mg/l

8.2. Exposure controls

Individual protection measures:



Appropriate engineering controls:

Provide adequate ventilation. Personal, workplace environment 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. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimise

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exposure.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Other skin and body protection

Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

Hygiene measures

Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14387. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.

Environmental exposure controls

Keep container tightly sealed when not in use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value
Appearance	Pale blue liquid
Odour	Characteristic
Odour threshold	Not determined
pH	~7
Melting point/freezing point	Not determined
Initial boiling point and boiling range	
Flash point	Closed cup N/A
Evaporation rate	Not determined
Flammability (solid, gas)	No
Upper/lower flammability or explosive limits	Not determined
Vapour pressure	

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Vapour density	Not determined
Relative density	Not determined
Solubility	Not determined
Water solubility	Soluble in water
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined

9.2. Other information

Content of VOC: Not determined

10. STABILITY AND REACTIVITY

10.1. Reactivity

See the other subsections of this section for further details

10.2. Chemical stability

Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions.

10.4. Conditions to avoid

Nothing to report

10.5. Incompatible materials

Alkalis. Amines.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity - oral

Summary Based on available data the classification criteria are not met.

Acute toxicity - dermal

Summary Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Summary Based on available data the classification criteria are not met.

Skin corrosion/irritation

Summary Based on available data the classification criteria are not met.

Extreme pH Moderate pH (> 2 and < 11.5).

Serious eye damage/irritation

Summary Based on available data the classification criteria are not met.

Respiratory sensitisation

Summary Based on available data the classification criteria are not met.

Skin sensitisation

Summary Based on available data the classification criteria are not met.

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Germ cell mutagenicity

Summary Based on available data the classification criteria are not met.

Carcinogenicity

Summary Based on available data the classification criteria are not met.

IARC carcinogenicity None of the ingredients are listed or exempt

Reproductive toxicity

Summary Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

Summary Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

Summary Based on available data the classification criteria are not met.

Aspiration hazard

Summary Based on available data the classification criteria are not met.

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion Gastrointestinal symptoms, including upset stomach. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.

Skin contact Prolonged contact may cause dryness of the skin.

Eye contact Irritating to eyes.

Route of exposure Ingestion Inhalation Skin and/or eye contact

Target organs No specific target organs known.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Acute aquatic toxicity

Summary Based on available data the classification criteria are not met.

Chronic aquatic toxicity

Summary Based on available data the classification criteria are not met.

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

12.4. Mobility in soil

The product is water-soluble and may spread in water systems. The product is non-volatile.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB. assessment

12.6. Other adverse effects

None known

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

General information: The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers

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that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods: Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible.

14. TRANSPORT INFORMATION

14.1 UN number

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.2 UN proper shipping name

N/A

14.3 Transport hazard class(es)

N/A

14.4 Packing group

N/A

14.5. Environmental hazards

Product is not environmentally hazardous
Marine polluting agent : Not

14.6. Special precautions for user

N/A

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Not applicable.
Annex II of MARPOL 73/78
and the IBC Code

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations: Health and Safety at Work etc. Act 1974 (as amended).
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
EH40/2005 Workplace exposure limits.
EU legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Commission Regulation (EU) No 2015/830 of 28 May 2015.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

Inventories

EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

16. OTHER INFORMATION

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16.1. Other information

Abbreviations and acronyms used in safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
IATA: International Air Transport Association.
ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IMDG: International Maritime Dangerous Goods.
CAS: Chemical Abstracts Service.
ATE: Acute Toxicity Estimate.
LC₅₀: Lethal Concentration to 50 % of a test population.
LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose). EC₅₀: 50% of maximal Effective Concentration.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.

Classification abbreviations and acronyms Eye Irrit = Eye irritation
Classification procedures according to Regulation (EC) 1272/2008 Eye Irrit. 2 - H319: : Calculation method.

Training advice Read and follow manufacturer's recommendations. Only trained personnel should use this material.

Hazard statements in full

H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
EUH208 Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500- 7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

NOTICE TO USERS:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

*** *This sheet supersedes all previous editions.*
