

SAFETY DATA SHEET

(According to Directive 1907/2006 of the European Union and Regulation No 453/2010)

Date of issue: 25.02.2019	Version: 01
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Name of the product

"MISTER ECO GREEN" - PROFESSIONAL CLEANER FOR CONTACT-FREE WASHING OF MACHINERY ENGINES, GEARS AND MACHINERY OF SHIPS



Section 1. Name of product and manufacturer

1.1 Product identification	
Trade name	"MISTER ECO GREEN" - PROFESSIONAL CLEANER FOR CONTACT-FREE WASHING OF MACHINERY ENGINES, GEARS AND MACHINERY OF SHIPS
1.2 Identified use of the preparation and contraindications	
Use	Concentrated detergent for external contactless washing of machine engines, gearboxes, fuel tanks and engine rooms of ships from the accumulated contamination of dust, oil and machine oil.
Contraindications	No data
1.3 Details of the manufacturer and the manufacturer of the information sheet	
Manufacturer	„Green World Group “Ltd 9000 Varna 36 Ivan Vazov str , fl. 2 VAT Number: 148057955 Tel;+359 52 39 00 33 e-mail: greenworld.mbox.contact@gmail.com
Producer of the information sheet	„Green World Group “Ltd 9000 Varna 36 Ivan Vazov str , fl. 2 VAT Number: 148057955 Tel;+359 52 39 00 33 e-mail: greenworld.mbox.contact@gmail.com
1.4 Emergency telephone (emergency)	
Emergency telephone	Department of Toxicology at Multiprofile Hospital for Active Treatment and Emergency Medicine/MHATEM/ "N.I.Pirogov", Telephone for emergency : +359 2 91 54409 / +359 2 91 54346

Section 2. Composition of the product

2.1 Ingredients of the product	
Surfactants (surfactants)	trade secret
Trilon - B (EDTA-4Na.2H2O)	trade secret
Caustic soda (sodium hydroxide)	trade secret
Oxyethylidene diphosphonic acid (OEDP / NEDP.Na2)	trade secret

Other functional additives	Demineralized water, colorant		
2.2 Concentrations or concentration limits of substances in the product - classified as dangerous			
Ingredient name	Concentration %	CAS № / EC №	Hazard warning (EC Regulation № 1272/2008)
- surfactant laureth sodium sulfate (SLES ASCO 24-2 / 70, Laureth-7)	trade secret	68539-50-9	H315, H318
- Surfactant Alkylpolyglycoside FM2000 70% (C8-C10, Elotant Milcoside 102, ND 800)	trade secret	161074-97-1	H318
- Oxyethylidene diphosphonic acid (ОЭДФ / HEDP.Na2)	trade secret	7414-83-7 / 231-025-7	H302
- Caustic soda (натриева основа)	trade secret	1310-73-2	H314, H290
- Trilon - B (EDTA-4Na.2H ₂ O)	trade secret	10378-23-1	H302, H332, H318

Section 3. Hazards description	
3.1 Classification of the substance or mixture	
Classification according to Regulation 1272/2008	 GHS07
Danger warnings	H302 - Harmful if swallowed. H317 - may cause an allergic skin reaction. H318 - Causes serious eye damage.
3.2 Elements of the label	
Labeling in accordance with Regulation 1272/2008 (CLP)	
Pictogram (s)	
Signal word	attention
Danger warnings	H302 - Harmful if swallowed. H317 - may cause an allergic skin reaction. H318 - Causes serious eye damage.
Safety recommendations	P101 – In case of medical attention, bring the product packaging or label P102 - Keep out of reach of children P234 - Keep only in the original package P280 - Wear safety gloves and goggles. P305 + P351 + P338 - if in contact with eyes, rinse gently with water for several minutes. Remove contact lenses, if any, as far as possible. Continue rinsing. P313 - Get medical attention P410 - Keep out of direct sunlight
3.3 Other hazards	
PBT/vPvB	In accordance with Annex XIII of Regulation (EC) No 1907/2006 it is not persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB)

Section 4. First aid measures	
Eye contact	Rinse eyes thoroughly with running clean water with eyelids wide open for several minutes. If you have contact lenses, remove them before rinsing. Seek specialized medical attention in case of continuing irritations and complaints.
In case of skin allergy	Remove contaminated clothing and shoes from the affected person. Rinse the skin with plenty of running water. Seek medical attention.
Ingestion	Rinse mouth and throat several times with clean water. Drink 1-2 glasses of water. Do not induce vomiting, but if it does, keep the injured person's head upright to avoid choking. Seek urgent and specialized medical attention if possible, carry with you the label (package leaflet of the product) or this information sheet.
Inhalation	Are not necessary.
Most important symptoms or effects, both acute or delayed	No data available.

Section 5. Fire protection measures	
Class of fire resistance	It is not fire hazardous
Flammability level	There is none
Special hazards arising from the exposure of the substance / preparation and the resulting combustion products and flue gases	The product does not burn. At high temperatures, carbon monoxide, carbon dioxide and other toxic gases and vapors may occur. The release of harmful gases is only from burning product packaging.
Extinguishing media	All extinguishing media may be used.
Extinguishing media for firefighters	In accordance with fire extinguishing instructions.

Section 6. Accidental release measures	
Personal precautions, protective equipment and emergency procedures	Avoid contact with eyes (wear safety goggles if necessary). Wear protective gloves. Spilled product poses a potential risk of slipping and falling.
Environmental protection measures	Avoid contamination of soil, water sources and surface water with the preparation. In the event of large spills, take measures to limit the contaminated area and immediately inform the competent authorities.
Methods and tools for localization and cleaning	In case of small spills, the spilled product should be cleaned with absorbent materials (sand, earth, acid binders, etc. suitable for treatment of the product). Collect the absorbed product mechanically by placing it in a suitable container to be transported to the place of disposal and disposal. The contaminated area can be further cleaned with copious amounts of water.
References to other sections of this information sheet	See Section 8 and Section 13

Section 7. Handling and storage	
7.1 Precautions for safe handling	
Technical precautions	Comply with the requirements for chemical materials. Use only in the original package. Use only as intended.
General precautions	Do not eat, drink or smoke when handling the product and to

	observe normal occupational hygiene requirements. Do not swallow. Avoid contact with eyes. Do not apply to exposed wounds, rashes and inflammatory processes of the skin. Wash the treated skin areas with plenty of water.
Guidelines for the prevention of fires and explosions	No special precautions are required.
7.2 Conditions for safe storage, including any incompatibilities	
Storage conditions	Storing be done only in the original container that is well sealed with legible labels. Store separately from food, beverages, feed and animal feed. Do not expose to direct sunlight and heat. Keep the storage area dry and cool. Keep out of the reach of children.
Incompatible substances / mixtures	No data.
7.3 Specific end use	
Use	Concentrated detergent for external contactless washing of machine engines, gearboxes, fuel tanks and engine rooms of ships from the accumulated contamination of dust, oil and machine oil.

Section 8. Exposure controls and personal protection	
8.1 Control parameters	
Occupational exposure limit values	Does not contain a component with an exposure limit. In Ordinance 13/2003. no occupational air limit values are specified.
8.2 Exposure controls	
Respiratory protection	Under normal operating conditions not required.
Hand protection	Protective rubber gloves.
Eye protection	Safety goggles or safety glasses.
Skin and body protection	Work clothes.
Hygiene measures	Wash hands thoroughly with running water after handling the product. Use a rubber apron to protect work clothing from contamination with the preparation. When working with the preparation, do not smoke, eat or drink.
Environmental exposure limit	Do not allow soil, ground water and open water to enter.

Section 9. Physical and chemical properties	
9.1 Information on basic physical and chemical properties (general information)	
Physical state	Viscous fluid.
Color	Different depending on the colorant used.
The smell	Not applicable.
9.2 Important health, safety and environmental information	
pH	12.5 ÷ 13.5
Boiling point	100 ° C
Flash point (flame temperature)	No data
Експлозивни свойства	No data
Oxidizing properties	No data
Vapor pressure	No data
Density of money	No data
Relative density	No data
Solubility	Soluble in water
Partition coefficient: n - octanol /	No data

water	
Viscosity	No data
9.3 Other information (other physical or chemical parameters)	
Auto-ignition temperature	No data
Decomposition temperature	No data
Temperature at which changes in physical state occur	< - 10 °C

Section 10. Stability and reactivity	
Reactivity	There are no known hazardous reactions when stored and handled as directed.
Chemical stability	The product is stable under normal conditions of use and storage.
Possibility of hazardous reactions	May react with strong acids or bases.
Conditions to avoid	Do not expose to temperatures below 0 ° C or above 35 ° C. Do not be exposed to heat sources and direct sunlight.
Incompatible materials	No prescriptive data available. Do not mix with other products.
Hazardous decomposition products	No hazardous combustion substances known - see Section 5. Irritating gases and vapors may liberate during thermal decomposition of the product.

Section 11. Toxicological information	
11.1 Information on toxicological effects	
Acute toxicity	There is no product data
Skin irritation	The product is non-irritating (based on the concentration of the components it contains).
Eye irritation	The product is non-irritating (based on the concentration of the components it contains).
Ingestion irritation	There may be a stinging effect depending on the quantity ingested. Higher amounts cause vomiting.
Sensitization	It does not affect the sensitivity (based on the components it contains).
Carcinogenicity	No data.
Mutagenic effect or toxicity to reproduction	No data.
Narcotic effect	No data.

Section 12. Environmental Information	
12.1 Eco Toxicity	
Aquatic toxicity	No data.
Toxicity to soil organisms	No data.
Toxicity to other organisms in the environment	No data.
12.2 Mobility	
In the soil	No data.
In the air	Not applicable.
In groundwater	Not specified. The product is dissolved in water.
12.3 Persistence and degradability	
The product ingredients are biodegradable over 90%. The surfactants used are biodegradable according to EU requirements (Regulation 648/2004).	
Oxidation, hydrolysis	No data.

12.4 Bioaccumulative potential	
Bioconcentration factor	No data.
Partition coefficient: n-octanol / water	No data.
12.5 Results of PBT and vPvB assessment	
The product does not contain PBT and vPvB substances and does not fall under Annex XIII of EU Regulation 1907/2006, therefore no assessment is required.	
12.5 Other side effects	
No data.	

Section 13. Waste treatment

Treatment is in accordance with national law. The packaging of the product is marked with a marking for separate collection and must be disposed of in the appropriate place.	
Recycling	The product packaging may be recycled after cleaning. Waste code 15.01.02 - Plastic packaging.

Section 14. Transport information

UN number	No data.
Exact name of cargo on UN list	No data.
Land transport (road, rail) - ADR / RID rating	Not classifiable as dangerous goods.
Water transport - IMO-IMDG rating	Not classifiable as dangerous goods.
Air transport - ICAO-TI / IATA-DRG rating	Not classifiable as dangerous goods.
Other information on requirements	No data.

Section 15. Information in accordance with current regulations

The Safety Data Sheet has been prepared in accordance with EU requirements Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments.	
Chemical safety assessment (product)	There is no grade available for this product.

Section 16. Other information

Recommendations	The information given in this information sheet only applies to the product for which it was prepared (safe handling, use, processing, transportation, storage and disposal) and is for informational purposes only. This information is not valid for use of the product in mixtures with other substances, unless it is explicitly stated in this information sheet.
Main sources of information used to complete the safety data sheet	Originals of the information sheets of the chemicals (by their manufacturer or supplier) that are the constituents of the product.

Other information	<p>The information provided in this information sheet is based on the knowledge of Green World Group Ltd. for this product during the preparation of the safety data sheet. It is given in good faith by considering that the information contained in it is correct, but it does not claim to be complete and comprehensive and should therefore be used only as a guide. The user should be convinced of the purpose of using this product and any change in the classification if this product is mixed or formulated with other compounds.</p>
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