

## SAFETY DATA SHEET

(Under Directive № 1907/2006. the European Union and Regulation № 453/2010)

Issued date : 06.11.2018r.	Version 1: 01
Revision date :	

### Name of the product



**„MISTER ECO GREEN“ – Degreaser**

Part 1. Name of the product and Manufacturer	
<b>1.1 Identification of the product</b>	
Trade name	„MISTER ECO GREEN“ DEGREASER
<b>1.2 Identified usage of the preparation and contraindication</b>	
Usage	For removal of grease from surface of metal and ceramic
Contraindication	No data
<b>1.3 Details for manufacturer and datasheet developer</b>	
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
Developer of the data 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
<b>1.4 Telephone for emergency</b>	
Telephone for emergency	Department of <i>Toxicology at Multiprofile Hospital for Active Treatment and Emergency Medicine /MHATEM/ "N.I.Pirogov",</i> Telephone for emergency : +359 2 91 54 409 / +359 2 91 54 346.

### Section 2. Composition of the preparation

<b>2.1 Composition of the preparation</b>
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Surfactants (surface active agents)	trade secret		
Oxyethylidiphosphonic acid (ОЭДФ / HEDP.Na2)	trade secret		
Caustic soda (sodium hydroxide)	trade secret		
Other functional ingredients	Demineralized water, citric acid, coloring agent		
2.2 Concentrations or limit values for concentrations of substances in the composition of the detergent - classified as dangerous			
Name of the ingredient	Concentration %	CAS № / EU №	Hazard warning (Regulation EO № 1272/2008)
- Oxyethylidiphosphonic acid (ОЭДФ / HEDP.Na2)	trade secret	7414-83-7 / 231-025-7	H302
- Caustic soda (sodium hydroxide)	trade secret	1310-73-2	H314, H290
- Alkylpolyglycoside FM2000 70% (C8-C10, Elotant Milcoside 102, ND 800)	trade secret	161074-97-1	H318

Section 3. Hazards Description	
3.1 Classification of the substance or mixture	
Classification according Regulation 1272/2008r.	 GHS07
Warnings of danger	H302 - Harmful if swallowed. H315- Causes skin irritation. H317 - may cause an allergic skin reaction. H318 - causes serious eye damage.
3.2 Ticket elements	
Labeling in accordance with Regulation 1272/2008r. (CLP)	
Pictogram (s)	
Signal word	Attention
Warnings of danger	H302-Harmful if swallowed. H315- Causes skin irritation. H317 - may cause an allergic skin reaction. H318 - causes serious eye damage.
Safety recommendations	P101 - If medical advice is needed, have product container or label at hand
	P102 - Keep out of the reach of children
	R234 - Keep only in original container
	P280 - Use protective rubber gloves and safety glasses.
	(P302 + P352) – If on skin: Wash with plenty of water/...
	P305 + P351 + P338 - In case of contact with eyes, rinse cautiously with water for several minutes. Remove

	contact lenses, if present, and easy to do. Continue to rinsing.
	P313 – Get medical advise/ attention
	P410 – Protect from sunlight
<b>3.3 Other hazards</b>	
PBT/vPvB	In accordance with Annex XIII of Regulation (EU) No 1907/2006 is not persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB)

<b>Section 4. First Aid Measures</b>	
Eye contact	Rinse eyes thoroughly with clean water with wide open eyes for several minutes. If you have contact lenses, remove them before you start rinsing. In case of persistent irritation and complaints, seek specialized medical attention.
Having received an allergy in contact with skin	Rinse the skin with plenty of running water. Seek medical attention.
In the event of ingestion	Rinse your mouth several times with clean water and throat it. Drink 1-2 cups of water. Do not induce vomiting, but if you get it, keep the head of the injured person upright to avoid choking. Seek immediate and specialized medical attention by bringing together the label (product instruction package) or this data sheet.
By inhalation	Do not necessary
Most important acute or delayed symptoms and effects	No data

<b>Section 5 . Fire protection measures</b>	
Class of fire resistance	It is not fire-hazardous
Degree of flammability	None
Special hazards arising from the exposure to the substance / detergent and resulting products from combustion and resulting gases	The product does not burn. At high heat temperatures, carbon monoxide, carbon dioxide and other toxic gases and vapors can occur.
Extinguishing agents	All fire extinguishing resources may be used.
Fire-fighting equipment for fire-fighters	In accordance with the Fire Extinguishing Fire Safety Instructions.

<b>Section 6. Emergency Release Measures</b>	
Personal precautions, protective devices and procedures, in emergencies	Avoid contact with eyes (use safety glasses if necessary). Use protective rubber gloves. Spilled product is with potential risk of slipping and falling.

Measures for protection of the environment	Avoid contamination of the soil, water sources and surface water with the detergent. In case of large spillages, take measures to limit the grimy area and immediately notify the competent authorities.
Methods and resources of localization and cleaning	In case of small spills, the leaked product should be cleaned with absorbent materials (sand, earth, bonding acidic substances etc. suitable for product handling). The collection of the absorbed product is done mechanically by placing it in a suitable container to be transported to the place of disposal. The grimy area can be cleaned with plenty of water.
References to other sections of this data sheet	Refer to Section № 8 and Section № 13

<b>Section 7. Handling and storage</b>	
<b>7.1 Safety precautions for safe handling</b>	
Technical precautions	Observe the requirements for chemical materials. To be used only in the original packaging. Use only as intended.
General precautions	Do not eat, drink or smoke the product and observe normal labor hygiene requirements. Do not swallow. Avoid contact with eyes. Do not apply to exposed wounds, rashes and inflammatory skin processes. The treated areas of the skin must be washed thoroughly with water.
Instructions for preventing fires and explosions	No special precautions are required.
<b>7.2 Conditions for safe storage reporting incompatibility</b>	
Storage conditions	Store only in original packaging that is tightly closed with legible labels. Store separately from food, beverages, feed and food for animal. Do not expose to direct sunlight and heat. The storage area should be dry and cool. Keep out of the reach of children.
Incompatible substances / mixtures	Do not mix with acids.
<b>7.3 Specific end usage</b>	
Usage	Liquid detergent for removal of grease from metallic and ceramic surfaces.

<b>Section 8. Exposure controls and personal protection</b>	
<b>8.1 Control parameters</b>	
Exposure limits at the workplace	Does not contain a component limit value of exposure. In Regulation 13/2003. no limits for workplace air.
In Regulation 13/2003. no limits for workplace air.	
<b>8.2 Exposure control</b>	
Respiratory protection	Under normal operating conditions it is not required.
Hand protection	Rubber gloves.

Eye protection	Safety glasses
Skin and body protection	It is not required
Hygienic measures	Wash hands thoroughly running water after handling the product. Protect working clothes from dirt by using a rubber apron. Do not smoke, eat or drink when you are working with the detergent.
Limitations on exposure to the environment	Do not allow entering into soil, groundwater and open water resources.

Section 9. Physical and chemistry characteristics	
9.1 Information on basic physical and chemical characteristic (general information)	
Physical state	Viscous liquid
Colour	Different depending on used colour
Odour	Not applicable.
9.2 Important health, safety and environmental information	
pH	12,5 ÷ 13,5
Boiling point	≥ 100 °C
Flash point	No data
Explosive characteristic	No data
Oxidising characteristic	No data
Vapour pressure	No data
Vapour Density	No data
Relative density	No data
Solubility	Water-soluble
Partition coefficient: n - octanol / water	No data
Viscosity	No data
9.3 Other information (other physical or chemical parameters)	
Ignition temperature	No data
Disintegration temperature	No data
Temperature at which changes occur in the physical condition	< - 10 °C

Section 10. Stability and reactivity	
Reactivity	No known hazardous reactions when stored and handled according to instructions (intended purpose).
Chemical stability	The product is stable under normal conditions of use and storage.
Possibility of hazardous reactions	Could react with strong acids or bases.
Conditions to be avoided	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 data at work on prescription. Do not mix with other

	detergents.
Hazardous decomposition products	There are no known harmful substances that could cause combustion. -see Section № 5. In thermal decomposition of the product can exude irritating gases and vapors.

11.1 Information for toxicological effects	
Acute toxicity	
Skin irritation	The product is irritating (based on the concentration of the components it contains).
Eye irritation	The product is not irritating (based on the concentration of the components it contains).
Irritation if swallowed	There may be a burning effect depending on the swallowed amount. In larger quantities, it causes vomiting.
Sensitization	Does not affect the sensitivity (based on the components it contains).
Carcinogenicity	No data
Mutagenic effect or reproductive toxicity	No data
Narcotic effect	No data

Section 12. Environmental information	
12.1 Ecotoxicity	
Toxicity to aquatic organisms	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 defined. The product is dissolved in water.
12.3 Persistence and degradability	
Product ingredients are readily biodegradable above 90%. The surfactants used are biodegradable according to EU requirements (Regulation 648/2004).	
Oxidation, hydrolysis	No data
12.4 Bioaccumulation potential	
Bioconcentration factor	No data
Partition coefficient n-octanol / water	No data
12.5 Evaluation results of PBT and vPvB	
The product does not contain substances of type of PBT and vPvB and does not fall under Annex XIII of EC Regulation 1907/2006, therefore no evaluation is necessary..	
12.5 Other effects	
No data	

Section 13. Waste treatment	
The treatment is in accordance with national legislation. The packaging of the preparation is marked with a separate collection mark and must be discarded at the designated site.	
Recycling	The product packaging can be recycled after cleaning. Waste code 15.01.02 - plastic packaging.

Section 14. Transport information	
UN number	No data
The exact name of the cargo on the UN list	No data
Land transport (road, rail) - ranking by road ADR/RID	Not classified as dangerous goods.
Water transport - rating by IMO- IMDG	Not classified as dangerous goods.
Sky transport - rating by ICAO-TI/IATA-DRG	Not classified as dangerous goods
Other information about requirements	No data

Section 15. Information according to the applicable regulations	
Safety Data Sheet is prepared in accordance with the requirements of EC Regulation 1907/2006 (REACH) and subsequent additions and amendments.	
Chemical Safety Assessment (detergent)	No rating available for this detergent.

Section 16. Other information	
Recommendations	The information given in this data sheet only applies to the product for which it is prepared (safe operation, usage, transportation, storage and disposal) and is only informative. This information is not valid when using the product in mixtures with other substances, unless specifically stated in this data sheet.
No known hazardous reactions when stored and handled according to instructions (intended purpose).	Originals of chemical data sheets (from their manufacturer or supplier) that are ingredients of the product.
Other information	The information given in this data sheet is based on the

	<p>knowledge of Green World Group Ltd for this product during the preparation of the safety data sheet. It is given in good faith, believing that the information in it is true, but the same does not claim to be complete and comprehensive and should be used only as a guide. The user must be sure about the purpose of using this product and possibly changing the classification if this product is mixed or formulated with other compounds.</p>
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