

## **SAFETY DATA SHEET**

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

Date of issue: 05.03.2020	Version: 01
Update date:	

### Name of the product



### **"MISTER ECO GREEN" - ANTI-BACTERIAL GEL**

Part 1. Name of the product and Manufacturer	
1.1 Product identification	
Trade name	"MISTER ECO GREEN" - ANTI-BACTERIAL GEL
1.2 Identified usage of the preparation and contraindication	
Usage	The product is suitable for daily hand hygiene with a continuous action of up to 2-3 hours. Protects the hands skin for up to 99.9% of bacteria for a long period of time.
Contraindication	No data
1.3 Details for manufacturer and data sheet developer	
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
1.4 Telephone for emergency	
Telephone for emergency	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 preparation

2.1 Composition of the preparation			
Ethyl alcohol	≈ 60%		
Other functional additives	DeminerIALIZED water, propylene glycol, functional additives, flavoring.		
2.2 Concentrations or concentration limits of substances in the preparation - classified as dangerous			
Name of the ingredient	Concentration	CAS № / EU №	Hazard warning (EC

	-on%		Regulation No 1272/2008)
- Ethyl alcohol	≈ 60%	64-17-5	H225, H319, H336
- 1,2-propylene glycol	0,1÷1,0%	57-55-6	-

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.
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.
Safety recommendations	P101 - In case of medical attention, carry the package or label of the product
	P102 - Keep out of the reach of children
	P234 - Keep only in the original package
	P305 + P351 + P338 - In case of contact with eyes, rinse cautiously with water for several minutes. Remove contact lenses, if any, as far as possible. Continue to rinse.
	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 specialist medical attention.
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 water glasses of fresh milk or 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	No data available, but if there are symptoms of irritation, coughing and more. Move the victim to fresh air and seek medical advice.
Most important acute or delayed symptoms and effects	No data available.

Section 5. Fire protection measures	
Class of fire resistance	There is none
Degree of flammability	There is none
Special hazards arising from the exposure to the substance / detregent and resulting products from combustion and resulting gases	During combustion, carbon monoxide, carbon dioxide and other harmful gases and vapors may occur. The release of harmful gases is mainly due to the combustion of the product.
Extinguishing agents	All fire extinguishing resources may be used.
Fire-fighting equipment for fire-fighters	In accordance with fire extinguishing instructions.

Section 6. Emergency Release Measures	
Personal precautions, protective equipment and emergency procedures	Avoid contact with eyes (wear tight goggles if necessary). Wear protective gloves.
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. Do not allow open flames or sparks separating machines at the spill area.
Methods and resources of 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). Do not use flammable absorbent materials such as sawdust, etc. Do not allow open flames or sparks separating machines at the spill area. Provide adequate ventilation at the spill site. 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 Safety 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 swallow. Avoid contact with eyes. Do not apply to

	exposed wounds, rashes and inflammatory processes of the skin.
Instructions for preventing fires and explosions	Protect from exposure to high temperatures above 35 ° C, open flames, sparks, etc. sources of ignition.
7.2 Conditions for safe storage, including any incompatibilities	
Storage conditions	Do storing 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	The product is suitable for daily hand hygiene with a continuous action of up to 2-3 hours. Protects the hands skin for up to 99.9% of bacteria for a long period of time.

### Section 8. Exposure controls and personal protection

8.1 Control parameters	
Exposure limits at the workplace	In Ordinance No. 13/2003. a limit value for ethanol 1000.0 mg / m <sup>3</sup> for air in the work environment at 8 hours exposure is indicated. DNEL for worker acutely (local effect) with inhalation of ethanol vapor 1900 mg / m <sup>3</sup> .
8.2 Exposure controls	
Respiratory protection	Under normal working environment conditions not required. Use in well-ventilated areas.
Hand protection	Protective rubber gloves.
Eye protection	Tightly fitting safety goggles.
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 product. When working with the product, do not smoke, eat or drink.
Environmental exposure limit	Do not allow entering into soil, groundwater and open water resources.

### Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties (general information)	
Physical state	Viscous fluid.
Color	Transparent.
The smell	Pleasant with a slight odor of alcohol, but fresh with a mixed pleasant aroma depending on the flavoring used.
9.2 Important health, safety and environmental information	
pH	5 ÷ 7
Boiling point	<100 °C
Flash point (flame temperature)	No data
Експлозивни свойства	No data
Oxidizing properties	No data

Vapor pressure	No data
Density of vapor	No data
Relative density	No data
Solubility	Soluble in water
Partition coefficient: n - octanol / water	No data
Viscosity	No data
<b>9.3 Other information (other physical or chemical parameters)</b>	
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, peroxides or bases.
Conditions to avoid	Do not expose to temperatures below 0 ° C or above 35 ° C. Do not be exposed to heat, open flames or direct sunlight.
Incompatible materials	No prescriptive data available. Do not mix with other preparations.
Hazardous decomposition products	Thermal decomposition of the product may produce flammable vapors.

### Section 11. Toxicological information

<b>11.1 Information on toxicological effects</b>	
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	It may have a steam effect depending on the amount absorbed. 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

<b>12.1 Ecotoxicity</b>	
The product is not dangerous for the environment.	
Toxicity to aquatic organisms	Ecotoxicity data for ethanol: LC50 for fish > 12900 mg / l, 96 hours; EC50 for Daphnia magna > 100 mg / l.
Toxicity to soil organisms	No data
Toxicity to other organisms in the environment	No data.

<b>12.2 Mobility</b>	
In the soil	The ethanol on exposure to soil tends to evaporate and biodegrade. It is not expected to be absorbed into the sediment.
In the air	It is mixed with air.
In groundwater	Not determined because the product is not expected to be absorbed. The product is dissolved in water, evaporated and biodegraded.
<b>12.3 Persistence and degradability</b>	
The product ingredients are photo-degradable in the atmosphere and biodegradable in soil and water over 90% according to EU requirements (Regulation 648/2004).	
Oxidation, hydrolysis	No data.
<b>12.4 Bioaccumulative potential</b>	
Bioconcentration factor	No data.
Partition coefficient: n-octanol / water	No data.
<b>12.5 Results of PBT and vPvB assessment</b>	
The product does not contain PBT and vPvB substances and does not fall under Annex XIII of EU Regulation 1907/2006, so no evaluation is required.	
<b>12.5 Other side effects</b>	
No data.	

### Section 13. Waste treatment

Treatment is in accordance with national law. The packaging of the preparation is labeled with separate collection and should be discarded at the designated point after washing with water.	
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	Transport must be in accordance with the transport rules applicable to the type of transport and guaranteeing the safety of the load.

### 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 (preparation)	There is no grade available for this preparation.

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 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	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.