



Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

Version 05.03.2018

CITY-GUARD

1. Identification of the substance/preparation and the company

Trade name: City-guard
 Utilization: Raw material for cosmetic formulations
 Supplier company: **Elemental SRL**, Piata Cazarmii no.15, 410188-Oradea, jud.Bihor, Romania
 identification: Tel/Fax: +40259-436.755, www.elemental.eu
 Emergency: RO: numar national pentru cazuri de urgenta: 021 3183606 Institutul de Sanatate Publica Bucuresti. International emergency number: +49 180 2273-112

2. Hazards Identification

Most important hazards:

Adverse human health effects: According to our knowledge, no specific risks when handled in accordance with good occupational hygiene and safety practices.

Environmental effects: Presents no particular risks to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with.

Physical and chemical hazards:

Fire or explosion: According to our knowledge, no specific hazard under normal conditions of use.

Classification of the product: This product is not classified as a hazardous mixture according to CLP regulation (EC) n°1272/2008.

3. Composition / Information on ingredients

3.1.Substance: Not applicable

3.2.Mixture:

Components of the mixture

INCI EUROPE	N° CAS	N° EINECS	%	Symbol	H
Maris aqua	/	310-127-6	49.5		
Aqua	7732-18-5	231-791-2	47		
Hydrolyzed Algin	9005-32-7	232-680-1	1.75		
Phenethyl alcohol	60-12-8	200-456-2	1	SGH07 	H302, H312, 332 H315, H319
Sucrose	57-50-1	200-334-9	0.75		

Classification and labelling H - phrases: under section 16

4. First Aid

Skin contact: Wash with soap and plenty of water. Consult a doctor if necessary.

Eye contact: Rinse with plenty of water immediately and extended in keeping the eyes disregarded.

Consult an ophthalmologist.

Ingestion: If the conscience is complete, let him/her drink water. Never give anything to drink to an unconscious person. Consult a doctor.

Inhalation: Move the affected person away from the contaminated area and into the fresh air.

Consult a doctor if necessary.

5. Fire-fighting Measures

Flammability: The product is not flammable.

Suitable extinguishing media: Carbon dioxide (CO2), powders, foam.



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Not suitable extinguishing media: None to our knowledge. In case of fire nearby, use suitable extinguishing agents.

Specific hazards: not known

Specific fire fighting methods: Avoid the dumping of extinguishing water in the environment. Do not attempt to fight the fire without suitable protective equipment.

6. Accidental release measures:

Personal precautions: Use individual protective equipments.

Environmental precautions: Contain the spilled material by bunding. Do not allow product to spread into the soil and to enter sewers/ surface or ground water.

Methods for cleaning up: Absorb spillage with inert absorbent material (earth or sand). Wash non-recoverable remainder with large amounts of water. Dispose of at a licensed waste collection point.

7. Handling and Storage

Handling:

Technical measures: Stir well before use and reclose packaging after use.

Precautions: Avoid contact with skin and eyes. Keep away from food and drinks. Wash hands and any other zone exposed with soap and water before eating, drinking, smoking and before leaving work.

Storage: Store the container tightly closed in a dry area, protected from air and direct light, and at temperatures lower than 25°C.

8. Exposure Controls and Personal Protection

The usual precautionary measures are to be adhered for handling chemicals

Manipulation in accordance with good manufacturing practices and rules of industrial hygiene. Do not eat, drink or smoke during the manipulations.

Breathing protection: not necessary

Hand protection: gloves recommended

Eye protection: safety goggles recommended

Body protection: protective work clothing

9. Physical and Chemical Properties

Aspect : Liquid

Colour : viscous opalescent

Odour : Characteristic

pH : 6.0 - 8.0

Water solubility : Dispersible

Oil solubility : Insoluble

Density: 1.015 - 1.035

Boiling point (°C): Not determined

Melting point (°C): Not applicable

Flash point (°F): Not determined

Self-inflammation temperature (°C): Not determined

Viscosity: Not determined

Partition coefficient (n-octanol/water): Not determined

10. Stability and Reactivity



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Stability: Stable under normal conditions of use.

Hazardous reactions: ND

Conditions to avoid: light exposure and heat

Materials to avoid: Strong oxidizing agents, strong acids, strong bases

Hazardous decomposition products: ND. No chemical evolution in ageing process.

11. Toxicological Information

The toxicological evaluation of the product is based on data comparable substances

Irritant effect on skin Non irritating

Irritant effect on eyes Non irritating

Mutagenicity Non mutagenic- non pro mutagenic

Acute oral toxicity N.D

Evaluation of allergic potential Non irritating

Evaluation of phototoxic potential Non phototoxic

12. Ecological Information

Aquatic toxicity (short term, invertebrates) N.D Aquatic toxicity (short term, aquatic plants) N.D

Degradation (biotic biodegradability) N.D

General informations: No ecotoxicity data for the product is available at the moment.

Keep away from drains, surface and groundwater

13. Disposal Considerations

Dispose of waste according to the laws in force, preferably by a collector or a certified business

do not contaminate the soil or water, not to their disposal in the environment

Must be dumped or incinerated in accordance with local regulations.

14. Transport Information

14.1 UN number ADR/RID: - IMDG: - IATA: - Not regulated for transport

14.2 UN proper shipping name

ADR/RID: Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods

14.3 Transport hazard class(es) ADR/RID: - IMDG: - IATA: -

14.4 Packaging group ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user: For information on handling, see section 7. For information on personal protective equipment, see section 8. For information on disposal, see section 13.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IBC code : Not defined.

15. Additional Regulatory Information

The product does not require a hazard warning label.

16. Other Information

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a



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contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.

Abbreviations:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

List of relevant H -phrases labelling:

SGH07

H302: Harmful if swallowed

H312: Harmful in contact with skin

H332: Harmful if inhaled

H315: Causes skin irritation

H319: Causes serious eye irritation

N .D= non determined

N.A = non applicable

This product should not be used for purposes other than those specified in section 1.