



Material safety data sheet
According to EU Regulation 1907/2006 in the current version
City Guard

1. Identification of the substance/mixture and company

Trade name: City Guard
INCI Sea water (Maris aqua), Water (Aqua), Hydrolyzed algin, Phenethyl alcohol, Sucrose
CAS No. : 310-127-6; 231-791-2; 232-680-1; 200-456-2; 200-334-9
EINESCS No. : -; 7732-18-5; 9005-32-7; 60-12-8; 57-50-1
REACH registration No. : -
Utilization: Raw material for cosmetic or professional use
Supplier company identification: **Elemental SRL**, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.elemental.eu
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
International emergency number: +49 180 2273-112

2. Hazards Identification

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Additional labeling :
EUH210

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) \geq 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>.

The mixture fulfills neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

3. Declaration of ingredients

Identification (EC) 1272/2008

3.1. Mixtures

Material	C.A.S	EINECS /EC	Risk Symbol	%
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Material safety data sheet
According to EU Regulation 1907/2006 in the current version
City Guard

MARIS AQUA (SEA WATER) / EAU DE MER	-	310-127-6	-	49.50 %
AQUA (WATER) / EAU	7732-18-5	231-791-2	-	47.00 %
HYDROLYZED ALGIN	9005-32-7	232-680-1	-	1.75 %
PHENYLETHYLALCOHOL	60-12-8	200-456-2	GHS07 Wng Acute Tox. 4, H302 Eye Irrit. 2, H319	1.00 %
SUCROSE [1]	57-50-1	200-334-9	-	0.75 %

[1] Substance for which maximum workplace exposure limits are available.

(Full text of H-phrases: see section 16)

4. First aid measures

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of exposure by inhalation : Bring the person to fresh air. Seek medical attention.

In the event of splashes or contact with eyes : Wash immediately and abundantly the eyes with plenty of water for at least 15 min. Seek medical attention in the event of persistent irritation.

In the event of splashes or contact with skin : Rinse immediately with plenty of water. Seek medical attention if the symptoms persist.

In the event of swallowing : Seek medical attention, showing the label. Do not induce vomiting.

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

No data available.

5. Fire fighting measures

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

- carbon dioxide (CO₂)
- powder



Material safety data sheet
According to EU Regulation 1907/2006 in the current version
City Guard

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- sprayed water or water mist
 - foam

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

No data available.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

7. Handling and storage

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Use in a well-ventilated place.

Fire prevention : Prevent access by unauthorized personnel.

Recommended equipment and procedures : For personal protection, see section 8. Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures : No smoking, eating or drinking in areas where the mixture is used.



Material safety data sheet

According to EU Regulation 1907/2006 in the current version

City Guard

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep in its original closed packaging at ambient temperature (15 to 25°C)

Shelf life: THREE years after manufacturing process in its original closed packaging

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available

8. Exposure controls / personal protection

8.1. Control parameters

Occupational exposure limits :

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) : CAS TWA : STEL : Ceiling : Definition : Criteria : 57-50-1 10 mg/m³ A4

- France (INRS - ED984 :2016) : CAS VME-ppm : VME-mg/m³ : VLE-ppm : VLE-mg/m³ : Notes : TMP No : 57-50-1 - 10 -

- UK / WEL (Workplace exposure limits, EH40/2005, 2011) : CAS TWA : STEL : Ceiling : Definition : Criteria : 57-50-1 – ppm 10 mg/m³ – ppm 20 mg/m³

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact. Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- PVC (polyvinyl chloride)

- Butyl Rubber (Isobutylene-isoprene copolymer)

- Natural latex

- Body protection

Work clothing worn by personnel shall be laundered regularly.



Material safety data sheet
According to EU Regulation 1907/2006 in the current version
City Guard

After contact with the product, all parts of the body that have been soiled must be washed.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Viscous liquid.

Odor : characteristic

Color : Colorless to pale yellow, Opalescent liquid , a light deposit may appear with time

9.2 Important health, safety and environmental information

pH : 7.25 +/-1.25. Neutral.

Boiling point/boiling range : Not specified.

Flash point interval : Not relevant.

Vapor pressure (50°C) : Not relevant.

Density : 1.015-1.035

Water solubility : Soluble.

Melting point/melting range : Not specified.

Self-ignition temperature : Not specified.

Decomposition point/decomposition range : Not specified.

Index of refraction : 1.330-1.350

9.2. Other information

No data available.

10. Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO₂)



Material safety data sheet
According to EU Regulation 1907/2006 in the current version
City Guard

11. Toxicological information

11.1. Information on toxicological effects

No data available.

11.1.1. Substances

Acute toxicity : PHENYLETHYLALCOHOL (CAS: 60-12-8) Oral route : LD50 = 1610 mg/kg

11.1.2. Mixture

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

Skin corrosion/skin irritation : Non-irritating
Irritation : No observed effect.
Average score = 0
Duration of exposure : 48 h

Serious damage to eyes/eye irritation : negligible cytotoxicity

Respiratory or skin sensitisation : (skin) non irritating - non sensitizing

Germ cell mutagenicity : Non promutagenic
Ames test (in vitro) : Negative.
With or without metabolic activation.
OCDE 471 (Reverse mutation test bacteria).
No mutagenic effect.

Other information Evaluation of phototoxic potential : no phototoxic

12. Ecological information

12.1. Toxicity

12.1.2. Mixtures

Crustacean toxicity : No observed effect.
EC50 > 100 mg/l
Species : Daphnia magna
Duration of exposure : 48 h
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

12.2. Persistence and degradability

12.2.2. Mixtures

Biodegradability in water : Easily biodegradable.
Aerobic.

12.3. Bioaccumulative potential

No data available.



Material safety data sheet
According to EU Regulation 1907/2006 in the current version
City Guard

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

12.7. German regulations concerning the classification of hazards for water (WGK) :

WGK 2 (VwVwS vom 27/07/2005, KBws) : Hazardous for water.

13. Disposal considerations

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

14. Transport information

Exempt from transport classification and labeling.

14.1. UN number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-



Material safety data sheet
According to EU Regulation 1907/2006 in the current version
City Guard

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

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15. Regulatory information

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

- Classification and labeling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2017/776 (ATP 10)

- Container information:

No data available.

- Particular provisions :

No data available.

- German regulations concerning the classification of hazards for water (WGK) :

WGK 2 (VwVwS vom 27/07/2005, KBws) : Hazardous for water.

- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704):

NFPA 704, Labelling: Health=0 Inflammability=1 Instability/Reactivity=1 Specific Risk=none

15.2. Chemical safety assessment

No data available.



15.2. Chemical safety assessment

No data available.

16. Additional information

16.1. Wording of the phrases mentioned in section 3 :

H302 Harmful if swallowed.

H319 Causes serious eye irritation.



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City Guard

16.2. 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.

Disclaimer:

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