

Material safety data sheet
According to EU Regulation 1907/2006 in the current version
Sodium PCA

1. Identification of the substance/mixture and company

Trade name: Sodium PCA
Conditioning agent, humectant, Sodium PCA is the sodium salt of pyroglutamic acid which is an uncommon amino acid found naturally in many proteins

INCI: Sodium PCA
CAS No. : 28874-51-3
EINECS No. : 249-277-1
REACH registration No. : -

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

Ingestion: No known effects.
Inhalation: No known effects.
Eye contact: No known effects.
Skin contact: No known effects.

3. Declaration of ingredients

3.1 Substances

Material	C.A.S	EINECS	Risk Symbol	%
Sodium PCA	28874-51-3	-	-	48.0-52.0
Water	7732-18-5	-	-	48.0-52.0

4. First aid measures

4.1 Description of first aid measures

Ingestion: Contact a physician immediately. (Never give anything by mouth to an unconscious person).

Inhalation: Immediately remove victim to fresh air. If victim has stopped breathing, give artificial respiration, preferably by mouth-to-mouth. Get medical attention immediately.

Eyes: Immediately flush eyes with plenty of cool water for at least 15minutes. Do not let victim rub eyes. Call a physician.

Material safety data sheet
According to EU Regulation 1907/2006 in the current version
Sodium PCA

Skin: Remove contaminated clothing and immediately flush skin with plenty of water. Wash contaminated clothing before reuse. If irritation develops, consult a physician.

5. Fire fighting measures

Fire Fighting Media: Use media proper to primary cause of fire.

6. Accidental release measures

Spill / Leak Clean-Up Procedures: Hose down floor with water.

7. Handling and storage

Handling: Normal handling and storage consistent with good manufacturing practices should be used.

Storage: Ventilation, dry warehouse stored at room temperature

Materials or condition to avoid: Do not store near flammable materials. Keep away from heat, flame, spark and ignition sources.

8. Exposure controls / personal protection

Respiratory Protection: Use approved respiratory equipment.

Ventilation: Handle in the presence of adequate ventilation.

Protective clothing: Rubber gloves and apron are recommended. No need anticipated when handling chemical.

Eye protection: Wear safety glasses.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: pale yellow clear liquid

Transmittance (1cm, 430nm): $\geq 96.0 \%$

pH (solution): 6.5 – 7.5

Specific gravity (D204): 1.260– 1.270

Total solid: $\geq 48.0\%$

Nitrogen: $\geq 4.30\%$

Total bacteria: <100 CFU/g

Material safety data sheet
According to EU Regulation 1907/2006 in the current version
Sodium PCA

10. Stability and reactivity

Stability: Stable.

Incompatibility: Keep away from heat and flames. Avoid contact with oxidizing materials

11. Toxicological information

Ingestion: Non-irritating and none-allergenic.

Skin: Non-irritating and none-allergenic.

12. Ecological information

Not tested.

13. Disposal considerations

Disposal Method: Flush small amounts down sewer. Ensure compliance with local, state and federal regulations.

14. Transport information

Land Transport ADR No classification assigned

Air Transport IATA No classification assigned

Maritime Transport IMDG No classification assigned

Not regulated as a hazardous material.

15. Regulatory information

This product is not an extremely hazardous substance.

This product does not contain any chemicals.

This product is not a hazardous waste, it does not exhibit the characteristics of the extremely hazardous characteristic substances.

16. Additional information

16.1 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.

Material safety data sheet
According to EU Regulation 1907/2006 in the current version
Sodium PCA

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.