

Section 1. Product and Company Identification

**Product Name** Sodium Laurate  
**CAS Number** 629-25-4

**Parchem - fine & specialty chemicals**  
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**New Rochelle, NY 10801**  
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Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture  
According to Regulation (EC) No1272/2008**

Skin irritation (Category 2)  
Serious eye damage (Category 1)  
Specific target organ toxicity - single exposure (Category 3)  
According to European Directive 67/548/EEC as amended.  
Irritating to respiratory system and skin. Risk of serious damage to eyes. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**GHS Label Elements**

**Pictograms:**



**Signal word:** Danger

**Hazard and precautionary statements**

**Hazard Statements**

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.

**Precautionary Statements**

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P280 Wear protective gloves/eye protection/face protection.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



### Hazard Symbols

Xi - Irritant

N - Dangerous for the environment

### R-phrases

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### S-phrases

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

**Other Hazards:** None

## Section 3. Composition / Information on Ingredients

<b>Common Name</b>	Sodium Laurate
<b>Synonym(s)</b>	Dodecanoic acid sodium salt; Lauric acid sodium salt; Sodium Dodecanoate
<b>Formula</b>	$C_{12}H_{23}NaO_2$
<b>CAS Number</b>	629-25-4

## Section 4. First Aid Measures

**General Advice:** Consult a physician. Show this safety data sheet to the doctor in attendance.

**Inhalation:** If breathed in, move person into fresh air. If not breathing give artificial respiration.

Consult a physician.

**Skin Contact:** Wash off with soap and plenty of water. Consult a physician.

**Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water.

Consult a physician.

## Section 5. Firefighting Measures

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

## Section 6. Accidental Release Measures

**Personal precautions:** Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods and materials for containment and cleaning up:** Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

#### Section 7. Handling and Storage

**Precautions for safe handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

**Conditions for safe storage:** Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

#### Section 8. Exposure Controls / Personal Protection

##### Personal Protective Equipment

**Respiratory protection:** Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand protection:** The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.

**Eye protection:** Face shield and safety glasses

**Skin and body protection:** Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Section 9. Physical and Chemical Properties

##### Appearance

**Form:** Solid

**Color:** Light yellow to white

##### Safety Data

**pH:** No data available

**Melting point:** No data available

**Boiling point:** No data available

**Flash point:** No data available

**Ignition temperature:** No data available

**Lower explosion limit:** No data available

**Upper explosion limit:** No data available

**Water solubility:** No data available

**Partition coefficient (n-Octanol/Water):** log Pow: 4,683



Section 10. Stability and Reactivity

**Chemical stability:** Stable under recommended storage conditions.

**Conditions to avoid:** No data available

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

**Hazardous decomposition products**

**Hazardous decomposition products formed under fire conditions:** Carbon oxides, Sodium oxides

Section 11. Toxicological Information

**Acute toxicity:** No data available

**Skin corrosion/irritation:** Skin - rat - Severe skin irritation - 24h

**Serious eye damage/eye irritation:** No data available

**Respiratory or skin sensitization:** No data available

**Germ cell mutagenicity**

Genotoxicity in vitro - guinea pig - Kidney  
DNA inhibition

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity:** No data available

**Specific target organ toxicity - single exposure:** Inhalation - May cause respiratory irritation.

**Specific target organ toxicity - repeated exposure:** No data available

**Aspiration hazard:** No data available

**Potential health effects**

**Inhalation:** May be harmful if inhaled. Causes respiratory tract irritation.

**Ingestion:** May be harmful if swallowed.

**Skin:** May be harmful if absorbed through skin. Causes skin irritation.

**Eyes:** Causes serious eye irritation.

**Signs and Symptoms of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Additional Information**

**RTECS:** OF0700000



Section 12. Ecological Information

**Toxicity**

**Toxicity to fish**

LC50 - Pimephales promelas (fathead minnow) - 4.6 mg/L - 96.0h

Remarks: The preceding data, or interpretation of data, was determined using Quantitative Structure Activity Relationship (QSAR) modeling.

**Toxicity to daphnia and other aquatic invertebrates**

EC50 - Daphnia magna (Water flea) - 12 mg/L - 24h

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**PBT and vPvB assessment:** No data available

**Other adverse effects:** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

**ADR/RID**

**UN Number:** 3077

**Class:** 9

**Packing group:** III

**Proper shipping name:** Environmentally Hazardous Substance, Solid, N.O.S. (Sodium Laurate)

**IMDG**

**UN Number:** 3077

**Class:** 9

**Packing group:** III

**EMS-No:** F-A, S-F

**Proper shipping name:** Environmentally Hazardous Substance, Solid, N.O.S. (Sodium Laurate)

**Marine pollutant:** No

**IATA**

**UN Number:** 3077

**Class:** 9

**Packing group:** III

**Proper shipping name:** Environmentally Hazardous Substance, Solid, N.O.S. (Sodium Laurate)



Section 15. Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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