

Section 1. Product and Company Identification

**Product Name** Sodium Percarbonate  
**CAS Number** 15630-89-4

**Parchem - fine & specialty chemicals**  
**415 Huguenot Street**  
**New Rochelle, NY 10801**  
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🌐 [parchem.com](http://parchem.com) ✉ [info@parchem.com](mailto:info@parchem.com)

EMERGENCY RESPONSE NUMBER  
CHEMTEL  
Toll Free US & Canada: 1 (800) 255-3924  
All other Origins: 1 (813) 248-0585  
Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**

Acute toxicity - Oral: Category 4  
Serious eye damage/eye irritation: Category 1  
Oxidizing solids: Category 2

**GHS Label Elements**

**Pictograms:**



**Signal word:** DANGER

**Hazard and precautionary statements**

**Hazard Statements**

H302 - Harmful if swallowed  
H318 - Causes serious eye damage  
May intensify fire; oxidizer

**Precautionary Statements**

**Prevention**

Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink, or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep/Store away from clothing/other combustible materials. Take any precaution to avoid mixing with combustibles

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.



**Ingestion**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

**Fire**

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards Not Otherwise Classified (HNOC):** None

**Other Information**

Toxic to aquatic life with long lasting effects; Toxic to aquatic life

Section 3. Composition / Information on Ingredients

**Common Name** Sodium Percarbonate  
**Synonym(s)** Sodium Carbonate Peroxyhydrate  
**CAS Number** 15630-89-4

COMPONENT	CAS NUMBER	CONCENTRATION
Sodium Percarbonate	15630-89-4	100%

Section 4. First Aid Measures

**First aid measures for different exposure routes**

**Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin Contact:** Wash skin with soap and water.

**Inhalation:** Move to fresh air.

**Ingestion:** Rinse mouth.

**Most important symptoms/effects, acute and delayed**

**Main Symptoms:** No information available.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to physician:** Treat symptomatically.

Section 5. Firefighting Measures

**Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:** Keep away from heat and sources of ignition.

**Specific Hazards Arising from the Chemical:** No information available.



### Explosion Data

**Sensitivity to Mechanical Impact:** None.

**Sensitivity to Static Discharge:** Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**Protective Equipment and Precautions for Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6. Accidental Release Measures

### Personal precautions, protective equipment, and emergency procedures

**Personal Precautions:** Avoid contact with the skin and the eyes. Use personal protective equipment. For personal protection see section 8. Ensure adequate ventilation.

### Environmental precautions

**Environmental precautions:** Prevent further leakage or spillage if safe to do so.

### Methods and materials for containment and cleaning up

**Methods for Containment:** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up:** Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

## Section 7. Handling and Storage

### Precautions for Safe Handling

**Advice on safe handling:** Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. In case of insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Provide appropriate exhaust ventilation at places where dust is formed. Do not eat, drink, or smoke when using this product. Use personal protection recommended in Section 8.

### Conditions for safe storage, including any incompatibilities

**Technical measures/Storage conditions:** Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

**Incompatible Products:** None known based on information supplied.

## Section 8. Exposure Controls / Personal Protection

### Control Parameters

**Exposure guidelines:** This product, as supplied, does not contain any hazardous materials with



occupational exposure limits established by the region specific regulatory bodies

### Exposure Controls

**Engineering Measures:** Showers; Eyewash stations; Ventilation systems. Apply technical measures to comply with the occupational exposure limits. Process enclosure and/or ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection:** Tightly fitting safety goggles. Avoid contact with eyes. Eyewash fountains should be provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye protection.

**Skin and Body Protection:** Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

**Hygiene Measures:** Do not eat, drink or smoke when using this product.

## Section 9. Physical and Chemical Properties

**Physical State:** Powder

**Appearance:** White

**Odor:** No information available

**Odor Threshold:** No information available

**pH:** 10.4 - 10.6

**Melting Point:** No information available

**Boiling Point/Range:** No information available

**Flash Point:** No information available

**Evaporation Rate:** No information available

**Flammability (Solid, Gas):** No information available

### Flammability Limits in Air

**Upper Flammability Limit:** No information available

**Lower Flammability Limit:** No information available

**Vapor Pressure:** No information available

**Vapor Density:** No information available

**Specific Gravity:** No information available

**Solubility in Other Solvents:** No information available

**Partition coefficient (n-Octanol/water):** No information available

**Auto-ignition Temperature:** No information available

**Decomposition Temperature:** No information available

**Kinematic Viscosity:** No information available



**Dynamic Viscosity:** No information available  
**Explosive Properties:** No information available  
**Oxidizing Properties:** No information available

**Other Information**

**Softening Point:** No information available  
**VOC Content (%):** No information available.  
**Density:** No information available

Section 10. Stability and Reactivity

**Reactivity:** No data available  
**Chemical Stability:** Stable under recommended storage conditions.  
**Hazardous Reactions:** None under normal processing  
**Conditions to avoid:** Extremes of temperature and direct sunlight.  
**Incompatible materials:** None known based on information supplied.  
**Hazardous decomposition products:** May emit toxic fumes under fire conditions.

Section 11. Toxicological Information

**Information on Likely Routes of Exposure**

**Product information**

**Inhalation:** Avoid breathing vapors or mists.  
**Eye Contact:** Avoid contact with eyes.  
**Skin Contact:** Avoid contact with skin.  
**Ingestion:** Harmful if swallowed.

**Information on Toxicological Effects**

**Symptoms:** No information available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization:** No information available.  
**Germ cell mutagenicity:** No information available.  
**Carcinogenicity:** No information available  
**Reproductive Toxicity:** No information available.  
**Specific target organ systemic toxicity (single exposure):** No information available.  
**Specific target organ systemic toxicity (repeated exposure):** No information available.  
**Aspiration Hazard:** No information available.

**Numerical Measures of Toxicity - Product information**

**The following values are calculated based on chapter 3.1 of the GHS document**  
**ATEmix (oral):** 1034 mg/kg



Section 12. Ecological Information

**Ecotoxicity**

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Toxicity to daphnia and other aquatic invertebrates
Sodium Percarbonate (15630-89-4)	70: 240 h Chlorella emersonii mg/L EC50	70.7: 96 h Pimephales promelas mg/L LC50 static	.	4.9: 48 h Daphnia pulex mg/L EC50

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**Other Adverse Effects:** No information available

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

**DOT**

**UN Number:** UN3378

**Proper Shipping Name:** Sodium Carbonate Peroxyhydrate

**Hazard class:** 5.1

**Packing group:** II

**Description:** UN3378, Sodium Carbonate Peroxyhydrate, 5.1, II

**Emergency Response Guide Number:** 140

**TDG**

**UN Number:** UN3378

**Proper Shipping Name:** Sodium Carbonate Peroxyhydrate

**Hazard class:** 5.1

**Packing group:** II

**Description:** UN3378, Sodium Carbonate Peroxyhydrate, 5.1, II

**MEX**

**UN Number:** UN3378

**Proper Shipping Name:** Sodium Carbonate Peroxyhydrate



**Hazard class:** 5.1

**Packing group:** II

**Description:** UN3378, Sodium Carbonate Peroxyhydrate, 5.1, II

**ICAO**

**UN Number:** UN3378

**Proper Shipping Name:** Sodium Carbonate Peroxyhydrate

**Hazard class:** 5.1

**Packing group:** II

**Description:** UN3378, Sodium Carbonate Peroxyhydrate, 5.1, II

**IATA**

**UN Number:** UN3378

**Proper Shipping Name:** Sodium Carbonate Peroxyhydrate

**Hazard class:** 5.1

**Packing group:** II

**Description:** UN3378, Sodium Carbonate Peroxyhydrate, 5.1, II

**ERG Code** 5L

**IMDG**

**UN Number:** UN3378

**Proper Shipping Name:** Sodium Carbonate Peroxyhydrate

**Hazard class:** 5.1

**Packing group:** II

**Description:** UN3378, Sodium Carbonate Peroxyhydrate, 5.1, II

**EmS No.** F-A, S-Q

**RID**

**UN Number:** UN3378

**Proper Shipping Name:** Sodium Carbonate Peroxyhydrate

**Hazard class:** 5.1

**Packing group:** II

**Description:** UN3378, Sodium Carbonate Peroxyhydrate, 5.1, II

**Classification Code:** O2

**ADR**

**UN Number:** UN3378

**Proper Shipping Name:** Sodium Carbonate Peroxyhydrate

**Hazard class:** 5.1

**Packing group:** II

**Description:** UN3378, Sodium Carbonate Peroxyhydrate, 5.1, II

**Classification Code:** O2

**Tunnel restriction code:** (E)

**ADR/RID-Labels:** 5.1

**ADN**

**UN Number:** UN3378

**Proper Shipping Name:** Sodium Carbonate Peroxyhydrate

**Hazard class:** 5.1

**Packing group:** II

**Description:** UN3378, Sodium Carbonate Peroxyhydrate, 5.1, II

**Classification Code:** O2

**Hazard Labels:** 5.1

**Limited quantity:** 1 kg

Section 15. Regulatory Information

**International Inventories**

**TSCA:** Listed

**EINECS/ELINCS:** Listed

**DSL:** Listed

**NDSL:** Not Determined

**PICCS:** Listed

**ENCS:** Listed

**IECSC:** Listed

**AICS:** Listed

**KECL:** Listed

**NZIoC:** Listed

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals

**REACH registration number:** Keystone has taken all relative steps to ensure REACH-Compliance. Please contact us with any REACH-Related questions at REACH@Keystone-Europe.CO.UK

**RESTRICTIONS - REACH TITLE VIII:** No information available





### US Federal Regulations

**SARA 313:** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

### SARA 311/312 Hazard Categories

**Acute health hazard:** YES

**Chronic health hazard:** NO

**Fire hazard:** NO

**Sudden Release of Pressure Hazard:** NO

**Reactive Hazard:** NO

**Clean Water Act:** This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA:** This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### US State Regulations

**California Proposition 65:** This product does not contain any Proposition 65 chemicals

**US State Right-to-Know Regulations:** No information available

### International Regulations

#### CANADA

**WHMIS Note:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class:** D2B Toxic materials

#### HMIS Rating

**Health:** 2

**Flammability:** 2

**Reactivity:** 0

**Personal Protection:** F



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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