



Industrial Chemicals Inc.

2042 Montreat Drive - PO Box 660688 - Birmingham, Alabama 35216

September 18, 2019

Attention: Safety Data Sheet Coordinator

Dear Customer:

Enclosed is the Safety Data Sheet for Sodium Percarbonate dated January 24, 2018 that provides important health and safety information for this recently purchased product. Since you may redirect the product to more than one area within your location or to another facility, please be sure this information is available to all persons handling and/or using the material.

This Safety Data Sheet has either been updated since you last received it or is for a product not previously purchased from Industrial Chemicals Inc. Please consider it the current version to replace any previous version you may have received. In the event any revisions are made to the Safety Data Sheet, a revised copy will be forwarded for the next purchase.

The distribution of these safety data sheets is part of our continuing Product Stewardship Program of providing information and updating our customers. The regulations promulgated by OSHA for Hazard Communication, 29 CFR 1910.1200 have been considered in the distribution of this Safety Data Sheet.

Should you have any questions please call 205-823-7330 or send email to Regulatory@industrialchem.com.

Thank you,
Industrial Chemicals Inc.

If you prefer to receive safety data sheets by email please provide the company name, contact name, email address and phone number and return this page by fax to 205-278-5822 or email to Regulatory@industrialchem.com

Contact Name

Phone Number

Email Address

Company Name

101082

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POTENTIAL HAZARDS

FIRE OR EXPLOSION

- These substances will accelerate burning when involved in a fire.
- Some may decompose explosively when heated or involved in a fire.
- May explode from heat or contamination.
- Some will react explosively with hydrocarbons (fuels).
- May ignite combustibles (wood, paper, oil, clothing, etc.).
- Containers may explode when heated.
- Runoff may create fire or explosion hazard.

HEALTH

- Inhalation, ingestion or contact (skin, eyes) with vapors or substance may cause severe injury, burns or death.
- Fire may produce irritating, corrosive and/or toxic gases.
- Runoff from fire control or dilution water may cause pollution.

PUBLIC SAFETY

- CALL EMERGENCY RESPONSE Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.
- As an immediate precautionary measure, isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids.
- Keep unauthorized personnel away.
- Stay upwind, uphill and/or upstream.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
- Structural firefighters' protective clothing will only provide limited protection.

EVACUATION

Large Spill

- Consider initial downwind evacuation for at least 100 meters (330 feet).

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

In Canada, an Emergency Response Assistance Plan (ERAP) may be required for this product. Please consult the shipping document and/or the Canada and United States National Response Centers reference document.

EMERGENCY RESPONSE

FIRE

Small Fire

- Use water. Do not use dry chemicals or foams. CO2 or Halon® may provide limited control.

Large Fire

- Flood fire area with water from a distance.
- Do not move cargo or vehicle if cargo has been exposed to heat.
- Move containers from fire area if you can do it without risk.

Fire involving Tanks or Car/Trailer Loads

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Cool containers with flooding quantities of water until well after fire is out.
- ALWAYS stay away from tanks engulfed in fire.
- For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

SPILL OR LEAK

- Keep combustibles (wood, paper, oil, etc.) away from spilled material.

2016 EMERGENCY RESPONSE GUIDE SHEET

Guide Number: 140

- Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
- Stop leak if you can do it without risk.
- Do not get water inside containers.

Small Dry Spill

- With clean shovel, place material into clean, dry container and cover loosely; move containers from spill area.

Small Liquid Spill

- Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal.

Large Spill

- Dike far ahead of liquid spill for later disposal.
- Following product recovery, flush area with water.

FIRST AID

- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.
- Move victim to fresh air.
- Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- Contaminated clothing may be a fire risk when dry.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- Keep victim calm and warm.

Safety Data Sheet

Date of Revision: 1/24/2018

Sodium Percarbonate

Section 1 - Chemical Product and Company Identification

WEGO CHEMICAL GROUP

239 Great Neck Road - Great Neck, NY 11021 - USA

Tel: +1 (516) 487 3510 - Fax: +1 (516) 487 3794

sales@wegochem.com - wegochem.com**Product/Chemical Name:** Sodium Percarbonate**Chemical Formula:** $2\text{Na}_2\text{CO}_3 \cdot 3\text{H}_2\text{O}_2$ **CAS Number:** 15630-89-4**Other Designations:** PCS, Sodium Carbonate Peroxide, Sodium Carbonate Peroxyhydrate**General Use:****Emergency Telephone:** (ChemTel) Contract MIS0000335; 800 255-3924; INTL 813 248-0585

Section 2 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Toxicity effects principally related to its irritating properties. Irritating to the mucous membrane, eye and skin. Does not present any significant hazard to the environment.

HMIS	
H	2
F	0
R	2
PPE†	
†Sec. 8	

Potential Health Effects

Primary Entry Routes: Inhalation, ingestion, eye and skin contact.**Target Organs:**

HAZARDS IDENTIFICATION

Classification of the substance or mixture**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Oxidizing solids (Category 2), H272

Acute toxicity, Oral (Category 4), H302

Serious eye damage (Category 1), H318

Acute aquatic toxicity (Category 2), H401

Chronic aquatic toxicity (Category 2), H411

GHS Label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H272 May intensify fire; oxidizer.

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P210 Keep away from heat.

P220 Keep/Store away from clothing/ combustible materials.

P221 Take any precaution to avoid mixing with combustibles.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/ physician.

P330 Rinse mouth.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

P391 Collect spillage.

P501 Dispose of contents/ container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC) or not covered by GHS - none

Acute Effects

Inhalation: Slight nose and throat irritation. At high concentration, cough. Repeated or prolonged exposure may result in sore throat, nose bleeds, chronic bronchitis.

Eye: Severe eye irritation, watering and redness, can cause burns to the eye and risk of serious or permanent eye lesions.

Skin: Slight irritation, repeated contact may cause dermatitis.

Ingestion: Severe irritation of the mouth, throat, esophagus and stomach. May cause bloating of stomach, belching, nausea, vomiting and diarrhea.

Carcinogenicity: IARC, NTP, and OSHA do not list Sodium Percarbonate as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure:

Chronic Effects:

Section 3 - Composition / Information on Ingredients

Ingredient Name	CAS Number	EINECS/ELINCS	% wt or % vol
Sodium Percarbonate	15630-89-4	239-707-6	>95

Trace Impurities:

Ingredient	OSHA PEL	ACGIH TLV	NIOSH REL		NIOSH
	TWA	TWA	TWA	STEL	IDLH
Sodium Percarbonate	Total Dust 15 mg/m ³ Respirable fraction 5 mg/m ³	Inhalable particulate 10 mg/m ³ Respirable fraction 3 mg/m ³	none estab.	none estab.	none estab.

Section 4 - First Aid Measures

Inhalation: Remove the subject from dusty environment, consult with a physician in case of respiratory symptoms.

Eye Contact: Flush eyes with running water for 15 minutes while keeping the eyelids wide open. Consult an ophthalmologist in all cases.

Skin Contact: Remove contaminated shoes, socks and clothing, wash the affected skin with running water. Consult a physician in case of persistent pain or redness.

Ingestion: Consult with a physician in all cases. If the subject is completely conscious, rinse mouth and administer fresh water. Do not induce vomiting. If subject is unconscious, loosen collar and tight clothing, lay victim on his/her left side. Keep warm and get medical help immediately. Do not induce vomiting.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Note to Physicians:

Special Precautions/Procedures:

Section 5 - Fire-Fighting Measures

Flash Point: N/A

Autoignition Temperature: N/A

LEL: N/A

UEL: N/A

Flammability Classification: non-explosive

Extinguishing Media: Water.

Unusual Fire or Explosion Hazards: Oxygen released on exothermic decomposition may support combustion. Pressure burst may occur due to decomposition in confined spaces or containers. Wet product decomposes exothermically and may cause combustion of organic materials.

Hazardous Combustion Products:

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.



Section 6 - Accidental Release Measures

Spill /Leak Procedures: Avoid direct contact of the product with water.

Small Spills: Collect the product with suitable means, shovel or sweep, avoiding dust formation. Place in container for disposable.

Large Spills

Sodium Percarbonate

Containment: For large spills, dike far ahead of spill for later disposal. Do not release into sewers or waterways.

Cleanup: Clean spill area with large quantities of water.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: Containers and equipment used to handle the product should be used exclusively for that product. Do not return unused or spilled material to the original storage container.

Storage Requirements: Store in a dry well ventilated area, away from direct sunlight and at temperature less than 40 °C (104°F)

Section 8 - Exposure Controls / Personal Protection

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA.

Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: solid

Appearance: White granular solid.

Odor: None

Vapor Pressure: ?? mm Hg at ?? °F (?? °C)

Vapor Density (Air=1):

Formula Weight:

Density/Specific Gravity (H₂O=1, at 4 °C):

Bulk Density: 1.0 - 1.2 g/cm³

PH (1% soln.): 10.4 – 10.6

Water Solubility: 140 g/L @ 24 °C

Other Solubilities:

Boiling Point:

Freezing/Melting Point:

Decomposition Temperature: Self-accelerating decomposition with oxygen release starting from 50 °C (122 °F)

Viscosity:

Refractive Index:

Surface Tension:

% Volatile:

Evaporation Rate:

Section 10 - Stability and Reactivity

Stability: Sodium Percarbonate is stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization has not been reported.

Chemical Incompatibilities: Acids, bases, salts of heavy metal, reducing agents, organic materials and water.

Conditions to Avoid: Moisture and extreme heat.

Hazardous Decomposition Products: Thermal oxidative decomposition of Sodium Percarbonate can produce oxygen.

Section 11- Toxicological Information

Toxicity Data:*

Eye Effects: severe damage (rabbit)

Skin Effects: Slightly irritating (rabbit)

Chronic Effects:

Carcinogenicity:

Mutagenicity:

Teratogenicity:

Acute Inhalation Effects:

Rat, inhalation, LC_{Lo}: > 4580 mg/m³

Acute Oral Effects:

Rat, oral, LD₅₀: 1034 mg/kg

Dermal Route - LD_{Lo}, rabbit > 2000mg/kg

* See NIOSH, *RTECS* (FG0750000), for additional toxicity data.

Section 12 - Ecological Information

Ecotoxicity: Fish, Pimephales, LC50, 70.7 mg/L

Fish, Pimephales, NOEC, 96 hours, 1 mg/L

Crustaceans, Daphnia pulex, EC50, 4.9 mg/L.

Crustaceans, Daphnia pulex, NOEC, 48 hours, 1 mg/L.

Environmental Fate: not bioaccumuable.

Environmental Degradation: Abiotic degradation. Low toxicity of degradation products.

Soil Absorption/Mobility: Non-significant adsorption.

Section 13 - Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

Disposal Regulatory Requirements:

Container Cleaning and Disposal:

Section 14 - Transport Information

Regulated for transportation

US DOT(49 CFR 172.101):

PSN: Sodium Carbonate Peroxyhydrate

Hazard Class: 5.1

UN Number: UN3378

Packing Group: II

IATA

PSN: Sodium Carbonate Peroxyhydrate

Hazard Class: 5.1

UN Number: UN3378

Packing Group: II

IDG

PSN: Sodium Carbonate Peroxyhydrate

Hazard Class: 5.1

UN Number: UN3378

Packing Group: II

IMDG/IMO

PSN: Sodium Carbonate Peroxyhydrate

Hazard Class: 5.1

UN Number: UN3378

Packing Group: II

Section 15 - Regulatory Information

US FEDERAL

TSCA

CAS# 15630-89-4 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

Section 313 No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 15630-89-4 can be found on the following state right to know lists: New Jersey.

California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

XN O

Risk Phrases:

R 22 Harmful if swallowed.

R 36/38 Irritating to eyes and skin.

R 8 Contact with combustible material may cause fire.

Safety Phrases:

S 17 Keep away from combustible material.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eye/face protection

WGK (Water Danger/Protection)

CAS# 15630-89-4: 1

Canada - DSL/NDSL

CAS# 15630-89-4 is listed on Canada's DSL List.

Canada - WHMIS

This product has a WHMIS classification of D2B, C.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List

Section 16 - Other Information

Disclaimer: All information, recommendations and suggestions appearing herein are based upon sources believed to be reliable: However, it is the users responsibility to determine the safety, toxicity and suitability for its own use of this product. WEGO CHEMICAL GROUP DOES NOT ASSUME ANY LIABILITY ARISING OUT OF THE USE BY OTHERS OF THIS PRODUCT.