

Brand: **MAXTITE**

Issue Date: 05-Jun-2023

Revision Date: 05-Jun-2023

Version 01

1. IDENTIFICATION

Product identifier

Product Name Sodium Percarbonate

Other means of identification

SDS # 67300

UN/ID No UN3378

Recommended use of the chemical and restrictions on use

Recommended Use Commercial cleaning, bleaching, oxidizing. Laboratory Chemicals

Details of the supplier of the safety data sheet

Supplier Address

Pacific Innovations LLC
129 Seegers Avenue
Elk Grove Village, IL 60007
1-503-455-8581

Emergency telephone number

Emergency Telephone INFOTRAC 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Physical state Liquid

Classification

Oxidizing solids	Category 2
Acute oral toxicity	Category 4
Serious eye damage/eye irritation	Category 1

Signal Word

Danger

Hazard statements

May intensify fire; oxidizer
Harmful if swallowed
Causes severe skin burns and eye damage



Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Keep/Store away from clothing/ combustible materials
 Take any precaution to avoid mixing with combustibles
 Wash face, hands and any exposed skin thoroughly after handling
 Wear protective gloves/protective clothing/eye protection/face protection
 Do not breathe dust/fume/gas/mist/vapors/spray

Precautionary Statements - Response

Immediately call a poison center or doctor/physician
 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
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 Wash contaminated clothing before reuse
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 Immediately call a poison center or doctor/physician
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
 IN CASE OF FIRE: Use dry sand, dry chemical, or alcohol-resistant foam for extinction. Collect spillage.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Sodium Percarbonate	15630-89-4	≥ 95%

*For the full text of the H-Statements mentioned in this section, see Section 16.

4. FIRST AID MEASURES

Description of first aid measures**General Advice**

Provide this SDS to medical personnel for treatment. Check vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with labored breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.

Eye Contact

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.

Skin Contact

Rinse with water. Take victim to a doctor if irritation persists.

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

Ingestion

Rinse mouth. Immediately after ingestion: give lots of water to drink. Do NOT induce vomiting. Consult a doctor/medical service if you feel unwell.

Most important symptoms and effects, both acute and delayed**Symptoms**

If inhaled – dry/sore throat. Coughing. Irritation of the respiratory tract. Irritation of the nasal mucous membranes.

In case of skin contact – Not irritating

In case of eye contact – Inflammation/damage of the eye tissue. Corrosion of the eye tissue.

If swallowed – Nausea. Vomiting.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

May intensify fire; oxidizer.

Upon combustion CO and CO₂ are formed.

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.

Cool tanks/drums with water spray/remove them into safety. Do not move the load if exposed to heat. After cooling, persistent risk of physical explosion

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see Section 8.

Environmental precautions

Environmental precautions

Contain released substance, pump into suitable containers. Plug the leak, cut off the supply. Dam up the solid spill. Knock down/dilute dust cloud with water spray. Prevent spreading in sewers. Discharge into the environment must be avoided. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up

Prevent dust cloud formation. Scoop solid spill into closed containers. Carefully collect the spill. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Avoid contact with skin, eyes or clothing. Avoid formation of dust. Provide appropriate exhaust ventilation at places where dust is formed. Wear protective gloves/protective clothing and eye/face protection. Keep/store away from clothing and other combustible materials. Take any precaution to avoid mixing with combustibles. Keep away from

heat/sparks/open flames/hot surfaces. — No smoking.

Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of direct sunlight. Keep only in the original container. Keep away from heat sources, combustible materials, and other incompatible materials.
Suitable Packaging Material	Stainless steel, aluminum, polyethylene, polypropylene, fiber with PE coating
Incompatible Materials	Oxidizing agents, strong acids, strong bases, metals, organic materials, and water/moisture.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Contains no substances with occupational exposure limit values.

Appropriate engineering controls

Engineering Controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
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Individual protection measures, such as personal protective equipment

Eye/Face Protection	Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH.
Skin and Body Protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Respiratory Protection	Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Crystalline solid	Odor	Not determined
Appearance	Powder	Odor Threshold	Not determined
Color	White		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	10.4 – 10.6; 140 g/l; 20C		
Melting point / freezing point	No data available		
Initial boiling point and boiling range	No data available		
Flash point	Not applicable		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Not combustible		
Flammability Limit in Air			
Vapor Pressure	Not applicable		
Vapor Density	Not applicable		

Relative Density	2.16; 20.4C
Bulk Density	59-75 lbs/ft ³
Water Solubility	140 g/l; 20C
Decomposition Temperature	≥ 75C
Autoignition temperature	Not applicable
Explosive Properties	Not classified
Oxidizing Properties	May intensify fire, Oxidizer

10. STABILITY AND REACTIVITY

Reactivity

Promotes combustion. Substance has basic reaction.

Chemical stability

Unstable on exposure to heat and moisture.

Possibility of hazardous reactions

Decomposes slowly: oxidation resulting in increased fire or explosion risk. This reaction is accelerated on exposure to water and temperature rise.

Conditions to Avoid

Avoid moisture. Avoid temperatures above 60C/140F. Avoid flames and heat. Avoid raising dust. Avoid direct sunlight.

Incompatible materials

Combustible materials, oxidizing agents, strong reducing agents, strong acids, strong bases, metals, organic materials, water/moisture, steel.

Hazardous decomposition products

Reacts with many compounds: oxidation resulting in increased fire or explosion risk. Upon combustion: carbon monoxide and carbon dioxide are formed. In the event of a fire see Section 5.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Avoid contact with eyes.
Skin Contact	Avoid contact with skin.
Inhalation	Avoid inhalation of dust.
Ingestion	May be harmful if swallowed.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Percarbonate 15630-89-4	= 1034 mg/kg (Rat)	≥ 2000 mg/kg (Rabbit)	No data available

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Cough, Shortness of breath, Headache, Nausea, Vomiting. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Mild skin irritation.
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Serious eye damage/eye irritation	Causes severe eye irritation.
Carcinogenicity	Group 3 IARC components are "not classifiable as human carcinogens".
IARC/ACGIH/NTP/OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to fish. Toxic to invertebrates (Daphnia). pH shift.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Sodium Percarbonate 15630-89-4		LC50: =70.7 mg/L (96h, Pimephales promelas)	EC50: 4.9 mg/L (48h, Daphnia pulex)

Persistence/Degradability

Not applicable. Hydrolysis in water

Bioaccumulation

Not bioaccumulative.

Mobility

Low potential for absorption in soil

Other adverse effects

An environmental hazard cannot be excluded in the event of mishandling or disposal. Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	Remove waste in accordance with local and/or national regulations. Contact a licensed professional waste disposal service to dispose of this material. Different types of hazardous waste should not be mixed together if it will entail a risk of pollution or create problems for the further management of the waste.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
Sodium Percarbonate 15630-89-4	Ignitable

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No UN3378
 Proper Shipping Name Sodium Carbonate Peroxyhydrate
 Transport hazard class(es) 5.1
 Packing Group II
 Hazard Label Oxidizer

IATA

UN/ID No UN3378
 Proper Shipping Name Sodium Carbonate Peroxyhydrate
 Transport hazard class(es) 5.1
 Packing Group II
 Hazard Label Oxidizer

IMDG

UN/ID No UN3378
 Proper Shipping Name Sodium Carbonate Peroxyhydrate
 Transport hazard class(es) 5.1
 Packing Group II
 Hazard Label Oxidizer

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Sodium Percarbonate	X	ACTIVE	X /-	X /-	X	X	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

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

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	Yes

CWA (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)

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Component	Pennsylvania	New Jersey
Sodium Percarbonate 15630-89-4	Yes	Yes

16. OTHER INFORMATION**NFPA****Health hazards**

2

Flammability

0

Instability

1

Special hazards

-

HMIS**Health hazards**

2

Flammability

0

Physical hazards

1

Personal Protection

Not determined

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Revision Note: New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet