

Product name: Oxygen Bleach B-3

Date prepared : Nov 01, 2021

Date revised : June 18, 2026

Revision No : 1

1. IDENTIFICATION OF THE HAZARDOUS CHEMICAL AND OF THE SUPPLIER

Product name Oxygen Bleach B-3

Supplier Goodmaid Chemicals Corporation Sdn. Bhd.

Lot 27B Lorong Bunga Tanjung 3/1,
Senawang Industrial Park, 70400 Seremban,
Negeri Sembilan.

Telephone Number:

06-6771337 / 6771327

Emergency Telephone Number :

Dial 999, Bomba 994

(Please refer to the local emergency contact)

2. HAZARDS IDENTIFICATION

Physical Hazard

Oxidizing solids

Category 2

Health Hazard

Acute toxicity (oral)

Category 4

Serious eye damage or eye irritation

Category 1

Label elements

Hazard pictograms :



Signal word : Danger

Hazard Statements

H272 May intensify fire; oxidizer

H302 Harmful if swallow

H318 Causes severe eye damage

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Precautionary Statements

- Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
- Keep away from clothing/ flammable/ combustible materials.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash hand thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- In case of fire: Use water for extinction.
- IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- Rinse mouth.
- 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.
- Dispose of contents/container in accordance with local/regional/national/ international regulation.

3. COMPOSITION AND INFORMATION OF THE INGREDIENTS OF THE HAZARDOUS CHEMICAL

<u>Chemical Name</u>	<u>CAS No</u>	<u>Composition</u>
Sodium percarbonate	15630-89-4	> 90%

4. FIRST-AID MEASURES

Skin contact

Rinse skin with plenty of water.

Eye contact

Rinse with plenty of water (remove contact lenses if easily possible). Refer for medical attention.

Ingestion

Rinse mouth. Do NOT induce vomiting. Refer for medical attention.

Inhalation

Fresh air, rest.

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5. FIRE-FIGHTING MEASURES

Suitable extinguish media

Personal protection: Wear positive pressure self-contained breathing apparatus when fighting fires involving this material.

Specific hazards arising from the chemical

Excerpt from ERG Guide 140 [Oxidizers]: 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. (ERG, 2016).

Special protective equipment for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precaution, protective equipment and emergency procedures

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

Environmental precautions

Personal protection: particulate filter respirator adapted to the airborne concentration of the substance. Do NOT let this chemical enter the environment. Sweep spilled substance into covered dry, plastic containers.

Methods for cleaning up

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. 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: Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet brushing and place in container for disposal according to local regulations. Keep in suitable, closed containers for disposal.

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7. HANDLING AND STORAGE

Handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

Storage

Separated from: see Chemical Dangers. Cool. Store in an area without drain or sewer access. Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Appropriate engineering control

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

Management concentrations

Not known

Control Parameter

A control parameter has not been set.

Personal protection

Eye/face protection

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) 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. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection

Wear dust mask when handling large quantities.

Thermal hazards

no data available

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state

Solid

Color

White

Odor

Odorless

pH (in water solution)

10.0 -11.0 (3% solution)

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

No data available

Possibility of hazardous reactions

Oxidizing agents, such as SODIUM PERCARBONATE, can react with reducing agents to generate heat and products that may be gaseous (causing pressurization of closed containers). The products may themselves be capable of further reactions (such as combustion in the air).

The chemical reduction of materials in this group can be rapid or even explosive, but often requires initiation (heat, spark, catalyst, addition of a solvent).

Explosive mixtures of inorganic oxidizing agents with reducing agents often persist unchanged for long periods if initiation is prevented. Such systems are typically mixtures of solids, but may involve any combination of physical states. Some inorganic oxidizing agents are salts of metals that are soluble in water; dissolution dilutes but does not nullify the oxidizing power of such materials. Organic compounds, in general, have some reducing power and can in principle react with compounds in this class. Actual reactivity varies greatly with the identity of the organic compound.

Inorganic oxidizing agents can react violently with active metals, cyanides, esters, and thiocyanates.

Materials to avoid

Strong reducing agents, Strong acids, Organic materials, Powdered metals.

Hazardous decomposition products

When heated to decomposition it emits acid smoke and irritating vapors.

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11. TOXICOLOGICAL INFORMATION

Acute toxicity

- Oral: LD50 Rat oral 2000 mg/kg body weight
- Inhalation: LC50 Rat inhalation >4.58 mg/L/l hour
- Dermal: no data available

Skin corrosion/irritation

No Data Available

Serious eye damage/eye irritation

No Data Available

Respiratory sensitization/skin sensitization

No Data Available

Mutagenicity

No Data Available

Carcinogenicity

No Data Available

Reproductive toxicity

No Data Available

Specific target organ/systemic toxicity following single exposure

No Data Available

Specific target organs/systemic toxicity following repeated exposure

No Data Available

Aspiration hazard

No Data Available

Teratogenicity

No Data Available

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No Data Available

12. ECOLOGICAL INFORMATION**Ecotoxicity**

No Data Available

Persistence and degradability

No Data Available

Bioaccumulative potential

No Data Available

Mobility in soil

No Data Available

13. DISPOSAL INFORMATION**Product**

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing.

Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill.

Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

14. TRANSPORT INFORMATION

See section 7, Handling and storage

UN regulations**UN classification**

OXIDIZING SOLID (Class 5.1, Packing group III)

UN number

UN 1479

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15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Sixth Revised Edition.

16. OTHER INFORMATION

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Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief accurate as the date indicated.

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.