



SAFETY DATA SHEET

PEROX-SAFE BLEACH

Infosafe No.: 7EFM3
ISSUED Date : 17/12/2019
ISSUED by: JASOL AUSTRALIA

CLASSIFIED AS HAZARDOUS

1. Identification

GHS Product Identifier
PEROX-SAFE BLEACH

Product Code
2066122

Company name
JASOL AUSTRALIA

Address
41-45 Tarnard Drive Braeside
VIC 3195 AUSTRALIA

Telephone/Fax Number
Tel: 03 95805722
Fax: 03 95809902

Emergency phone number
1800 629 953

Recommended use of the chemical and restrictions on use
Liquid oxygen bleach

Disclaimer

Jasol (a division of George Weston Foods Limited) believes the information in this document to be accurate as at the date of preparation noted in the header of the SDS, but to the maximum extent permitted by law, Jasol accepts no responsibility for any loss or damage caused by any person acting or refraining from action because of this information.

The provision of this information should not be construed by anyone as a recommendation to use this product. In particular, no one should use any product in violation of any patent or other intellectual proprietary rights or in breach of any statute or regulation.

Users should rely on their own knowledge and inquiries and make their own determination as to the applicability of this information in relation to their particular purposes and specific circumstances. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace and in conjunction with other substances or products.

2. Hazard Identification

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Acute Toxicity - Oral: Category 4
Eye Damage/Irritation: Category 1
Skin Corrosion/Irritation: Category 1B

Signal Word (s)
DANGER

Hazard Statement (s)

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

Pictogram (s)

Corrosion, Exclamation mark

**Precautionary statement – Prevention**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash contaminated skin thoroughly after handling.

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

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

Precautionary statement – Response

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

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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.

P363 Wash contaminated clothing before reuse.

Precautionary statement – Storage

P405 Store locked up.

Precautionary statement – Disposal

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

3. Composition/information on ingredients**Ingredients**

Name	CAS	Proportion
Hydrogen peroxide	7722-84-1	7.5 %
Water	7732-18-5	Balance

4. First-aid measures**Inhalation**

If inhaled, remove affected person from contaminated area and keep at rest in a position comfortable for breathing. Apply artificial respiration if NOT breathing and immediately seek medical attention.

Ingestion

Do NOT induce vomiting. Wash/rinse out mouth thoroughly with water. Seek immediate medical attention.

Skin

If on skin (or hair) remove/take off all contaminated clothing immediately after handling. Seek immediate medical attention and wash/rinse skin gently and thoroughly with water/shower and non-abrasive soap for 15 minutes. Ensure contaminated clothing is washed before re-use or discard.

Eye contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses, if present and easy to do. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

First Aid Facilities

Eyewash, safety shower and normal washroom facilities.

Advice to Doctor

Hydrogen Peroxide is a strong oxidant. Due to the likelihood of corrosive effects and the unlikelihood of systemic effects attempts at evacuating the stomach via emesis induction or gastric lavage should be avoided. However, remote possibility that a nasogastric or orogastric tube may be required for the reduction of severe distention due to gas formation. Eyes: Direct contact, esp. if not washed away immediately, is sufficient to cause corneal damage.

Other Information

For advice in emergencies contact:

Poisons Information Centre (Australia): 131 126

National Poisons Centre (New Zealand): 0800 764 766

5. Fire-fighting measures**Suitable Extinguishing Media**

Carbon dioxide, dry chemical, foam, water fog or water mist.

Unsuitable Extinguishing Media

Do not use water jet.

Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes and gases including oxygen.

Specific Hazards Arising From The Chemical

Oxidising. Contact with combustible material may cause fire. Non-combustible, but may support the combustion of other materials.

Decomposition Temperature

Not available

Precautions in connection with Fire

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location.

6. Accidental release measures**Emergency Procedures**

Do not allow contact with skin or eyes. Do not breathe mist/vapour.

Personal Protection

Safety goggles and nitrile gloves.

Clean-up Methods - Small Spillages

If local regulations permit, dilute spill with excess water and run to waste.

Clean-up Methods - Large Spillages

Contain and absorb the spillage using non-combustible material (e.g. vermiculite or sand). Collect material and transfer to a labelled container for disposal.

Other Information

Avoid discharging large volumes of product into drains or sewage.

7. Handling and storage**Precautions for Safe Handling**

Wear Personal Protective Equipment (PPE) listed in section 8. Avoid inhalation of vapours and mists, and skin or eye contact. Prevent the build up of mists or vapours in the work atmosphere. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for safe storage, including any incompatibilities

Store in a cool dry well-ventilated area. Store away from incompatible materials listed in section 10. Protect from freezing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Provide a catch-tank in a bunded area. Store in original packages as approved by manufacturer. Ensure that storage conditions comply with applicable local and national regulations.

8. Exposure controls/personal protection

Occupational exposure limit values

No exposure standards have been established for this material. However, the available exposure limits for ingredients are listed below:

Hydrogen peroxide

TWA: 1 ppm, 1.4 mg/m³

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

Biological Limit Values

No biological limits allocated.

Appropriate engineering controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn.

Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection

Safety glasses with side shields should be used. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection

Wear gloves of impervious material such as rubber or PVC. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

9. Physical and chemical properties

Properties	Description	Properties	Description
Form	Liquid	Appearance	Clear colourless, low viscosity liquid with slight odour.
Colour	Colourless	Odour	Slight odour
Decomposition Temperature	Not available	Boiling Point	100-110°C
Solubility in Water	Soluble	Specific Gravity	1.03
pH	3.0-3.5	Vapour Pressure	No data available
Vapour Density (Air=1)	No data available	Odour Threshold	No data available
Viscosity	No data available	Partition Coefficient: n-octanol/water	No data available
Flash Point	None	Flammability	Non-flammable. Heat will cause decomposition to oxygen gas.
Auto-Ignition Temperature	No data available	Flammable Limits - Lower	No data available
Flammable Limits - Upper	No data available	Initial boiling point and boiling range	No data available
Relative Evaporation Rate	No data available	Relative density	No data available
Melting/Freezing Point	No data available		

10. Stability and reactivity

Chemical Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

Extremes of temperature and direct sunlight

Incompatible materials

Strong acids, alkalis, reducing agents, combustible materials and metals.

Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes. Can react with aluminium forming hydrogen gas.

Possibility of hazardous reactions

May react with aluminium forming hydrogen gas.

Hazardous Polymerization

Not expected to occur.

11. Toxicological Information

Toxicology Information

No toxicity data available for this material. Available toxicity data for ingredients is given below:

Acute Toxicity - Oral

Hydrogen Peroxide 50% solution:

LD50(rat): 75mg/Kg

Acute Toxicity - Inhalation

Hydrogen Peroxide 50% solution:

LC50(rat): 2mg/L (4 hours)

Acute Toxicity - Dermal

Hydrogen Peroxide 50% solution:

LD50(rat): 3000-5480mg/Kg

Ingestion

Harmful if swallowed. Ingestion of this product will cause nausea, vomiting, abdominal pain and chemical burns to the mouth, throat and stomach.

Inhalation

Inhalation may result in respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary edema, pneumonitis and emphysema.

Skin

Causes burns. Corrosive to the skin. Skin contact can cause redness, itching, irritation, severe pain and chemical burns with resultant tissue destruction.

Eye

Causes eye damage. Eye contact will cause stinging, blurring, tearing, severe pain and possible burns, necrosis, permanent damage and blindness.

Respiratory sensitisation

Not expected to be a respiratory sensitiser.

Skin Sensitisation

Not expected to be a skin sensitiser.

Germ cell mutagenicity

Not considered to be a mutagenic hazard.

Carcinogenicity

Not considered to be a carcinogenic hazard.

Hydrogen peroxide is listed as a Group 3: Not classifiable as to carcinogenicity to humans according to International Agency for Research on Cancer (IARC).

Reproductive Toxicity

Not considered to be toxic to reproduction.

STOT-single exposure

May cause respiratory irritation.

STOT-repeated exposure

Not expected to cause toxicity to a specific target organ.

Aspiration Hazard

Not expected to be an aspiration hazard.

Other Information

LD50: Lethal Dose 50%: The dose (when given all at once) of a toxic agent sufficient to kill 50 percent of a population of test animals (Safe Work Australia).

LC50: Lethal Concentration 50%: The concentration (in air or water) of a toxic agent sufficient to kill 50 percent of a population of test animals (Safe Work Australia).

12. Ecological information

Ecotoxicity

No ecotoxicity data available for this material.

Persistence and degradability

No data available.

Mobility

No data available.

Bioaccumulative Potential

No data available.

Other Adverse Effects

No data available.

Environmental Protection

Prevent large amounts from entering waterways, drains and sewers.

13. Disposal considerations

Disposal considerations

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

14. Transport information

Transport Information

Not regulated for transport of Dangerous Goods: ADG7, UN, IATA, IMDG

U.N. Number

None Allocated

Transport hazard class(es)

None Allocated

IMDG Marine pollutant

No

Transport in Bulk

Not available

15. Regulatory information

Regulatory information

Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP 23).

Poisons Schedule

S6

16. Other Information

Date of preparation or last revision of SDS

SDS Reviewed: 17 December 2019

SDS Created (superseded): 3 December 2019

References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP 23).

Australian Code for the Transport of Dangerous Goods by Road & Rail (edition 7.5).

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Governmental Industrial Hygienists (ACGIH).

Globally Harmonized System of classification and labelling of chemicals (edition 5).

Contact Person/Point

The company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.

24-Hour Emergency Telephone: AUS: 1800 629 953 NZ: Poisons 0800 764 766, Spills 111 FIRE.

END OF SDS

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