

1. IDENTIFICATION

Product Identifier

Product Name OXYBRITE SB 1.5%

Recommended use of the chemical and restrictions on use

Recommended use Polysulfide remediation
Restrictions on use For industrial use only

Supplier details

West Penetone Inc.
 11411-160 Street
 Edmonton, AB,
 T5M3T7
 Tel: 780-454-3919

Emergency Telephone Number

Canutec (613)-996-6666

2. HAZARDS IDENTIFICATION

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A

Label Elements

WARNING

Hazard Statements

Causes skin irritation
 Causes serious eye irritation



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: get medical advice/attention.
 IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash it before reuse.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
hydrogen peroxide	7722-84-1	0.1-1.0

4. FIRST AID MEASURES

Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention.
Skin contact	Wash with plenty of water. If skin irritation occurs, get medical advice/attention.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if symptoms develop or persist.
Ingestion	Rinse mouth. Remove person to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting unless directed by medical personnel. Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

Contact with eyes may cause irritation, discomfort or pain, excess blinking and tear production with marked redness of the conjunctiva. Contact with skin may cause irritation with local redness.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

None.

Specific hazards arising from the chemical

None.

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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Environmental Precautions

Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Contain and solidify with inert absorbent material. Keep in suitable, closed containers for disposal. For large spills, stop flow of material, collect spillage, and pump off product where this is without risk and possible. Proceed as above.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling	Wash hands and other exposed areas with mild soap and water before eating drinking or smoking and when leaving work.
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Conditions for safe storage, including any incompatibilities

Storage	Keep containers tightly closed away from direct sunlight in a dry, cool and well-ventilated place, away from incompatible materials.
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Incompatible Materials	Strong reducing agents, metals, salts, organics, dust and dirt.
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
hydrogen peroxide, 30% w/w 7722-84-1	TWA: 1 ppm/1.4 mg/m ³	TWA: 1 ppm/1.4 mg/m ³	Not available

Appropriate engineering controls

Engineering Controls Under the intended modes of use, exposure control measures not required.

Individual protection measures, such as personal protective equipment

Eye/face Protection Safety glasses with side shields.

Skin and body protection Wear protective gloves and suitable protective clothing.

Respiratory Protection No personal respiratory equipment normally required.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE :

Colorless liquid

ODOR

Odorless

ODOR THRESHOLD :

Not applicable

pH :

9.5

MELTING POINT / FREEZING POINT :

0°C

BOILING POINT/BOILING RANGE :

100°C

FLASH POINT :

None

EVAPORATION RATE, water = 1 :

1

FLAMMABILITY (SOLID, GAS):

Not applicable

VAPOR PRESSURE, mm Hg AT 20°C :

Not applicable

VAPOR DENSITY (Air = 1) :

Not applicable

RELATIVE DENSITY AT 20°C:

1.010-1.015

SOLUBILITY IN WATER :

Complete

PARTITION COEFFICIENT, N-OCTANOL/WATER :

Not available

AUTO-IGNITION TEMPERATURE :

None

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY:

Not available

FLAMMABLE LIMITS :

UPPER: Not applicable **LOWER :** Not applicable

10. STABILITY AND REACTIVITY

Reactivity

Not reactive.

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid

Extreme temperatures. Store away from incompatible materials.

Incompatible Materials

Strong reducing agents, metals, salts, organics, dust and dirt.

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Hydrogen peroxide 30% w/w 7722-84-1	1429 mg/kg (human)	3000 mg/kg (rat)	2 mg/L (rat) – 4 h dust/mist

Information on likely sources of exposure

Serious eye damage/irritation	Causes serious eye irritation.
Skin corrosion/irritation	Causes skin irritation.
Ingestion	Expected to be a low ingestion hazard.
Inhalation	Expected to be a low inhalation hazard.

Delayed and immediate effects and also chronic effects from short and long-term exposure

Respiratory or skin sensitization	Not a sensitizer.
Germ cell mutagenicity	None known.
Carcinogenicity	No listed carcinogens.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT-repeated exposure	No information available.
Aspiration Hazard	None.

Symptoms related to the physical, chemical and toxicological characteristics

Eye irritation. Skin irritation.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

If available, ecotoxicity values of individual components are shown below.

Chemical Name	Fish	Waterflea	Algae
Hydrogen peroxide, 30% w/w 7722-84-1	37.4 mg/L: 96 h LC50	2.4 mg/L: 48 h EC50	0.1 mg/L: 72 h NOEC

Persistence and degradability

Not applicable to inorganic substances.

Bioaccumulative potential

Does not significantly accumulate in organisms.

Mobility in soil

No information available

Other adverse effects

No other adverse environmental effects are expected.

13. DISPOSAL CONSIDERATIONS**Waste Disposal Method**

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION**TDG classification**

Not regulated

15. REGULATORY INFORMATION

All ingredients are listed on the DSL

16. OTHER INFORMATION

<u>Preparation Date</u>	25 May, 2016
<u>Revision Date</u>	15 November, 2017
<u>Revision Note</u>	Adjustment to Section 2 – hazard classifications

Disclaimer

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End of SDS