

SAFETY DATA SHEET

OXY BRITE

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: OXY BRITE
 PRODUCT USE: Laundry bleach.
 VENDOR NAME AND ADDRESS: Alpine Specialty Chemicals Ltd.
 9 City View Drive, Etobicoke, Ontario M9W 5A5
 24 HOUR EMERGENCY NO. 613-996-6666 (CANUTEC)

SECTION 2 – HAZARDS IDENTIFICATION

CLASSIFICATION

- OXIDIZING LIQUIDS Category 1, SKIN CORROSION /IRRITATION Category 1A, EYE DAMAGE IRRITATION Category 1

LABEL ELEMENTS



- SIGNAL WORD: DANGER
- HAZARD STATEMENT(S): OXIDIZER, HARMFUL IF SWALLOWED, CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. MAY INTENSIFY FIRE.
- PRECAUTIONARY STATEMENTS: Wear protective gloves/protective clothing/eye protection/face protection. Keep away from combustible materials. Dispose of contents/containers in accordance with local regulations.
- Response: - IF ON EYES: Wash with plenty of water. Get medical attention.

IF SWALLOWED: Immediately call a poison center or doctor. Rinse mouth.

IF ON SKIN: Wash with plenty of water. Get medical attention. Take off contaminated clothes and wash it before reuse.

SECTION 3 – COMPOSITION / INFORMATION INGREDIENTS

CHEMICAL NAME	%	CAS.NO
Hydrogen Peroxide	29	7722-84-1

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove source of exposure or move to fresh air. Call a poison centre or doctor if you feel unwell.
Skin Contact: Take off immediately all contaminated clothing. Rinse skin with water or shower. Get medical attention or advise. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention or advice.

SAFETY DATA SHEET

OXY BRITE

Ingestion: Call a doctor for medical advice. Rinse mouth. Do not induce vomiting.

Note to physician: Treat symptomatically, no specific antidote. See toxicological information (section 11)

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable Extinguishing Media: Use water spray. Do not use any other substance.

Specific hazards arising from the product: Keep away sources of ignition.

Hazardous thermal decomposition products: On decomposition product releases oxygen which may intensify fire.

Advice for fire-fighters: Not available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective clothing. Wear eye/face protection.

Environmental precautions: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

Methods and materials for containment and cleaning up: Use a water rinse for final clean-up.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling.

Storage Procedures: Keep containers closed when not in use. Do not freeze. Store between the following temperatures: 5 to 40°C.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

CHEMICAL NAME	ACGIH TLV	STEL	OSHA PEL		AIHA WEEL	
	TWA		TWA	Ceiling	8 hour TWA	Short term TWA ©
Hydrogen Peroxide	1 ppm		1 ppm		Not available	

ACGIH= American Conference of Governmental Industrial Hygienists. TLV = Threshold Limit Value. TWA = Time-weighted Average. STEL = Short-term Exposure Limit OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits. AIHA = AIHA Guideline Foundation. WEEL = Workplace Environmental Exposure Limit.

Appropriate Engineering Control: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual Protection Measure:

Eye/Face Protection: Do not get into eyes. Wear chemical safety goggles.

Skin Protection: No known effect after skin contact. Rinse with water.

Respiratory protection: Not required

Inhalation: No special measures required. Treat symptomatically.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid, colourless.

SAFETY DATA SHEET

OXY BRITE

Odour:	Odourless.
Odor Threshold:	Not available
Initial boiling point and boiling range	Not available
pH :	2 (100 %)
Melting Point:	-22 °C
Thermal decomposition:	Not available
Flash Point:	Not available
Evaporation Rate:	Not available
Flammability:	Not available
Explosive Limit:	Not available
Upper explosion limit:	Not available
Lower explosion limit:	Not available
Relative Density:	Approx. = 1.1 (Water = 1)
Viscosity:	Not available
VOC:	Not available
Solubility in water:	Soluble
Solubility in other solvents:	Not available
Partition coefficient: octanol/water	Not available
Molecular weight:	Not available
Oxidizing properties:	Strong oxidizer.

SECTION 10 – STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions. Decomposes on heating.
INCOMPATIBILITY	Brass, Copper, Powdered metals, Iron, Iron and iron salts, combustible materials, alkalis.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxygen which supports combustion. Liable to produce overpressure in container
HAZARDOUS POLYMERIZATION:	Will not occur.
CONDITIONS TO AVOID:	Excessive heat; Contamination; Exposure to UV-rays; pH variations.

SECTION 11 – TOXICOLOGICAL INFORMATION

SAFETY DATA SHEET

OXY BRITE

Chemical Name	LC50	LD50	LD50 (dermal)
Hydrogen Peroxide	Not Available	2000 mg/kg (rat)	4060 mg/kg (rat)

Routes of exposure: Skin contact, Eye contact, Ingestion.

Eye contact: Eye burns, pain, watering eyes.

Skin contact. Redness, burning, itching and pain.

Inhalation: Causes irritation and pain.

Acute toxicity:

Eye contact: Causes eye damage.

Skin contact: Causes skin burns.

Inhalation: Not known significant effects.

Ingestion: Not known significant effects.

Carcinogenicity: Not known for causing cancer

Mutagenicity: Not known.

Reproductive toxicity: No evidence of reproductive toxicity or developmental toxicity.

STOT - single exposure irritating to respiratory system.

STOT - Not classified.

Aspiration hazard: Not classified.

SECTION 12 – ECOLOGICAL CONSIDERATION

Eco toxicity : This material may be harmful to aquatic life.

Bio accumulative potential Inorganic: The substance has no potential for bioaccumulation.

Mobility in soil: Not applicable.

Other adverse effects: Not known.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: In accordance with federal, provincial or local government requirements.

SECTION 14 – TRANSPORT INFORMATION

TDG Classification: UN 2014 HYDROGEN PEROXIDE AQUEOUS SOLUTION CLASS 5.1 (8) PG II

SECTION 15 – REGULATORY INFORMATION

Refer to section 2.

SECTION 16 – OTHER INFORMATION

EFFECTIVE DATE:

March 17, 2016: **Revision 1**

Prepared by: Lab Personnel

Phone: (416) 744-2120

Website: www.alpinechem.com

Disclaimer:

The information contained in this form is based on data from sources considered technically reliable and has been provided in good faith in accordance with the available material. It is provided as a service to the persons using the product but conditions of use and handling may involve other and additional consideration beyond our control. No warranty, expressed or implied, is made and we will not be liable for any damages, losses, injuries or consequential damages which may result from the use or reliance on any information in this form.