

BACSTOP™ OPL

SAFETY DATA SHEET

Emergency Phone #: 800.424.9300
Non-Emergency Phone #: 800.401.4780

Last revision date: 4/1/2023
Print date: 7/21/2023

Section 01: PRODUCT IDENTIFICATION

PRODUCT CODE: 70191
PRODUCT NAME: **BACSTOP™ OPL**
FORMULA: N/A
CHEMICAL FAMILY: Quaternary Ammonium Compounds
U.S. EPA #: 7048-16
CANADIAN P.C.P. #: N/A

Section 02: HAZARDS IDENTIFICATION

INHALATION: Mists & vapors can irritate the throat and respiratory tract. High vapor concentrations may cause central nervous system effects. Symptoms may include headaches, dizziness, and drowsiness.
SKIN: May cause corrosive burns. Brief exposure may cause irritation and defatting of the skin.
EYES: Causes burns and may result in permanent injury to eyes, including blindness.
INGESTION: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

GHS Classification

Flammable liquids : Category 3
Acute toxicity (Dermal) : Category 4
Skin corrosion : Category 1B
Serious eye damage : Category 1
Short-term (acute) aquatic hazard : Category 1
Long-term (chronic) aquatic hazard : Category 2

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H226 Flammable liquid and vapour.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

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Section 03: COMPOSITION/ INFORMATION ON INGREDIENTS

	<u>Weight</u>	<u>CAS Number</u>
Octyl decyl dimethyl ammonium chloride	5.00%	32426-1-2
Dioctyl dimethyl ammonium chloride	2.00%	5538-94-3
Didecyl dimethyl ammonium chloride	3.00%	7173-51-5
Ethanol	2.00%	64-17-5

Section 04: FIRST AID MEASURES

- INHALATION:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
- SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.
- EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.
- INGESTION:** Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
- NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

Section 05: FIRE FIGHTING MEASURES

- Flash Point (PMCC):** None – (COC)
- Flammability:** N/A
- Autoignition Temp.:** N/D
- Extinguishing media:** Dry chemical, water, foam, CO₂
- Special fire fighting procedures:** Cool fire exposed containers with spray, must wear MSHA/NIOSH approved, self-contained breathing apparatus.
- Unusual fire & explosion hazard:** N/A

Section 06: ACCIDENTAL RELEASE MEASURES

- Spill/leak procedure:** Isolate spill area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas where vapors may accumulate.
- Ventilate closed spaces before entering. Remove all sources of ignition and ground all equipment before use. Floor may become slippery. Wear appropriate protective gear and respiratory protection where mist or vapors of unknown concentration may be generated. Dike and contain spill with inert material (sand, earth, ...) and transfer the liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water.

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Section 07: HANDLING & STORAGE

- Handling:** Avoid contact with eyes. Avoid breathing vapors or mist of this product. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
- Storage:** Do not store on side. Avoid creasing or impacting of side walls. Keep from freezing and away from high heat, flames or other ignition sources.

Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

- Respiratory protection:** None required if good ventilation is maintained. For mist or vapor, wear NIOSH approved respirator.
- Eye protection:** Splash proof safety goggles.
- Gloves:** Rubber or neoprene.
- Protective clothing:** Impervious apron, faceshield.
- Other precautions:** Eye wash station; safety shower; protective clothing to prevent skin contact.

Section 09: PHYSICAL & CHEMICAL PROPERTIES

- Boiling Point:** N/D
- pH (10% Solution):** 6 – 8
- Vapor Pressure:** N/D
- Flash Point: (AB C.C.):** 136°F
- Vapor Density (air=1):** Heavier than air
- % volatile by weight:** 1.5%
- Specific Gravity (H₂O=1):** 0.9895 (8.25 lbs/gal)
- Molecular Weight:** N/D
- Solubility in Water:** Soluble
- Evaporation rate:** N/D
- Appearance:** Colorless to light straw in color
- Odor:** Ethanolic

Section 10: REACTIVITY DATA

- Product stability:** Stable
- Conditions to avoid:** N/A
- Chemical incompatibility:** Strong oxidizers or reducing agents
- Hazardous decomposition products:** Toxic hydrogen chloride fumes, oxides of carbon and nitrogen.

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Hazardous polymerization:	Will not occur
Corrosive to metal?:	YES
Oxidizer?:	NO

Section 11: TOXICOLOGICAL INFORMATION

Acute oral LD₅₀: 5,000 mg/Kg (calculation method)
Acute dermal LD₅₀: 1,407 mg/Kg (Rabbit)
Primary skin: CORROSIVE
Primary eye: CORROSIVE
Other: This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Section 12: ECOLOGICAL INFORMATION

Toxicity data: Components of this product are hazardous to aquatic life. This is an EPA registered pesticide. This material can only be used for the EPA registered application noted on the product label.

Section 13: DISPOSAL CONSIDERATIONS

Although not considered a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations of 40 CRR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations.

Section 14: TRANSPORT INFORMATION

DOT shipping name: Disinfectant, Liquid, Corrosive NOS (Quaternary Ammonium Compound), 8, UN1903, PG II.
DOT hazard class: Corrosive 8
UN number: UN1903
ERG guide: ERG 153

Section 15: REGULATORY INFORMATION

WHMIS Classification: B3, D1B, E
CPR Compliance: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

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TSCA:	This product is considered a pesticide, and therefore excluded from the United States TSCA regulations.
NFPA:	Health 2 Fire 0 Reactivity 0
California Prop. 65	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: OTHER INFORMATION

MSDS PREPARATION

Prepared by: T.C.

Orig. Prep. Date: 4/1/2020
