



MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: Ultrabreak
PRODUCT USE: Defoamer
CHEMICAL FAMILY: Alkanol and Surfactant blend in mineral oil

WORK PLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: D-2B B-3
WORK PLACE HAZARD: Skin and eye irritant, Combustible Liquid

TRANSPORTATION OF DANGEROUS GOODS (TDG)

SHIPPING NAME: Not Regulated
TDG CLASSIFICATION: N/A
UN NUMBER (PIN): N/A
PACKING GROUP: N/A

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD₍₅₀₎ Oral-Rat</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
2-ethyl-hexanol	10-30%	104-76-6	2049 mg/kg	N/A	N/A

SECTION III: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN EYE CONTACT INHALATION INGESTION

EYE CONTACT: May cause irritation, redness and swelling on contact.
SKIN CONTACT: Repeated or prolonged contact may cause irritation and dermatitis.
INGESTION: May cause nausea, vomiting, diarrhea, weakness, increased salivation and rhinitis. If large amounts are ingested, depression of central nervous system may occur.
INHALATION: May cause anaesthetic effect or dizziness if inhaled. High vapour concentrations may cause headaches, drowsiness, unconsciousness and other central nervous systems effects including death.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT: Wash exposed area with soap and water for at least fifteen minutes. If irritation or adverse symptoms develop, seek medical attention.



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EYE CONTACT: Immediately flush eyes with running water for at least 15 minutes. If irritation or adverse symptoms develop, seek medical attention.

INGESTION: Do not induce vomiting. Get patient to physician immediately.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR: Green Liquid, Sweet Odour

SPECIFIC GRAVITY: 0.890 g/m³

BOILING POINT (°C): N/A

MELTING POINT (°C): N/A

pH: N/D

SOLUBILITY IN WATER: Insoluble

PERCENT VOLATILE BY VOLUME: N/D

EVAPORATION RATE: N/A

VAPOUR PRESSURE (mm Hg): Not Established

VAPOUR DENSITY (Air = 1): N/A

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 81°C

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, water fog, CO₂

SPECIAL FIRE FIGHTING PROCEDURES: Respirators required for fire fighting personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

SECTION VII: REACTIVITY DATA

STABILITY:	Stable [XX]	Unstable []
INCOMPATIBILITY (CONDITIONS TO AVOID):	Strong oxidizers.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon dioxide and carbon monoxide.	
HAZARDOUS POLYMERIZATION:	Will Not Occur [XX]	May Occur []



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SECTION VIII: PREVENTIVE MEASURES

SPECIAL PROTECTION INFORMATION

- RESPIRATORY PROTECTION:** Suggest NIOSH/MESA approved air purifying respirator with organic vapour.
- VENTILATION:** Use adequate ventilation to control exposures.
- PROTECTIVE GLOVES:** Suggest neoprene or rubber gloves.
- EYE PROTECTION:** Suggest safety glasses with side shields. Use chemical goggles if splashes could occur.
- OTHER PROTECTIVE EQUIPMENT:** Chemical resistant clothing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Wash thoroughly after handling. Avoid prolonged or frequent contact when handling material. Avoid contact with eyes, skin or clothing. Avoid breathing vapours, mist, fume, or dust. Wear protective equipment and launder contaminated clothing before reuse. Use with adequate ventilation. Keep container closed when not in use. Store in cool and dry location away from oxidizing agents.

STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED OR RELEASED

Use appropriate safety equipment. Contain spill to prevent pollution of water sources and sewers. Absorb in dry, inert, material (sand, clay, sawdust, etc.) and transfer to disposal container non-sparking equipment.

WASTE DISPOSAL METHOD

Containers should not be reused. Dispose of waste according to federal, provincial, and local regulations.

SECTION IX: PREPARATION

THE INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

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