

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: **XL DEFOAMER**
OTHER MEANS OF IDENTIFICATION: None
RECOMMENDED USE: Oilfield drilling fluid additive
RESTRICTIONS ON USE: None
SUPPLIER IDENTIFIER: **Di-Corp**
8750-53 Ave
Edmonton, AB T6E 5G2
780-440-4923
EMERGENCY PHONE NUMBER: 780-468-4064

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION: Flammable Liquid - Category 4
Skin Corrosion/Irritation – Category 2
Eye Damage/Irritation - Category 2
Aspiration Hazard - Category 1

LABEL SYMBOLS: 

SIGNAL WORD: DANGER

CLASSIFICATION INFORMATION: Combustible liquid.
Causes skin irritation.
Causes serious eye irritation.
May be fatal if swallowed and enters airways.

PRECAUTIONS: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Wear protective gloves/protective clothing/eye protection/face protection.
Wash exposed skin thoroughly after handling.

RESPONSE: In case of fire: Use dry chemical or alcohol foam to extinguish.
IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.
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 SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.

PRECAUTIONARY STATEMENTS: STORAGE: Store locked up in a well ventilated place.
DISPOSAL: Dispose of contents and containers in accordance with local, provincial and/or federal requirements.

OTHER HAZARDS: Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
2-ethyl hexanol	104-76-7	30 - 40% w/w
Distillates (petroleum), hydrotreated light	64742-47-8	60 - 70% w/w

SECTION 4: FIRST AID MEASURES

SKIN CONTACT:	Remove contaminated clothing and footwear. Thoroughly wash affected area with soap and water. If irritation develops, obtain medical attention.
EYE CONTACT:	Immediately flush with gently flowing warm water for minimum 15 minutes or until irritation ceases. When flushing is completed, obtain medical attention.
INGESTION:	Do not induce vomiting. If vomiting occurs, keep head below hips to reduce risk of aspiration of vomitus into lungs. Get immediate medical attention or call POISON CENTER.
INHALATION:	Move to fresh air. Apply oxygen or artificial respiration if required. Obtain immediate medical attention.
MOST IMPORTANT SYMPTOMS / EFFECTS:	May cause severe eye irritation. May cause skin irritation. Aspiration during swallowing or vomiting may cause harm.
IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT:	If swallowed, do not induce vomiting. Get immediate medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Carbon dioxide, dry chemical, water spray or foam.
UNSUITABLE EXTINGUISHING MEDIA:	Do not use direct water stream: May spread fire.
SPECIFIC FIRE HAZARDS:	Combustible liquid. Under fire conditions closed containers may rupture or explode. Product vapours are heavier than air and may travel considerable distances to a source of ignition and flash back. Vapours may spread along the ground and enter sewers, basements and other confined spaces. Product floats on water and is capable of creating a fire hazard along path of runoff. Product sensitivity to neither mechanical impact nor static charge has been determined.
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:	Full protective equipment and self-contained breathing apparatus required for fire-fighting personnel. Remove containers from fire area, or cool with water spray, if possible.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Evacuate area and eliminate ignition sources. Enter area only if wearing appropriate safety equipment (chemical resistant clothing, boots, gloves, etc). Avoid all bodily contact with spilled material. Stop leak if possible to do so without risk.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Small spills; soak up with absorbent material and dispose in approved containers. Large spills; dike to contain spill. Recover uncontaminated material for repackaging. Collect contaminated material and absorbents in approved container for disposal. Flush spill area with water. Collect flush water in an approved container for disposal. Do not allow material to enter storm sewers or waterways.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Avoid ingestion. Avoid skin and eye contact. Practice reasonable caution and personal cleanliness. Wash thoroughly after handling. Clean contaminated clothing and footwear before reuse. Avoid breathing mists and vapours. Handle only in area free of ignition sources. Ground containers when transferring material.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool area separate from incompatible materials. Store unused material in original container. Keep container tightly closed when not in use. Handle only in area free of ignition sources. Ground containers when transferring material. Empty containers, which have not been cleaned and purged, contain residual hazardous material and should be handled and stored as if full.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:	No components have listed exposure limits.
ENGINEERING CONTROLS:	Local exhaust ventilation, process enclosure or other engineering controls as required to maintain vapour concentration below TLV's. Ensure exhaust system is explosion proof.
	PERSONAL PROTECTIVE MEASURES
RESPIRATORY PROTECTION:	In absence of proper ventilation, recommend approved respirator with organic vapour/mist cartridges.
PROTECTIVE GLOVES:	Viton gloves recommended.
EYE PROTECTION:	Chemical goggles recommended.
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Suggest the use of a chemical apron and/or chemical resistant clothing. Ensure eye-wash station and emergency shower are available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear water white liquid
ODOUR:	Sweet odor
ODOUR THRESHOLD:	Not determined
pH:	7-8
MELTING POINT / FREEZING POINT:	Not determined
BOILING POINT / RANGE:	Not determined
FLASH POINT:	82°C (based on ingredient information)
EVAPORATION RATE:	Not determined
FLAMMABILITY:	Combustible
FLAMMABILITY / EXPLOSIVE LIMITS:	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
RELATIVE DENSITY:	0.89
SOLUBILITY:	Dispersible in water
PARTITION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE:	Not available
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	No information available
CHEMICAL STABILITY:	Stable under normal conditions

POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization will not occur
 CONDITIONS TO AVOID: Heat, sparks or open flames.
 INCOMPATIBLE MATERIALS: Strong oxidizers.
 HAZARDOUS DECOMPOSITION PRODUCTS: Not available.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY: Not available

COMPONENT TOXICITY

COMPONENT	LD50 ORAL	LD50 DERMAL	LC50 INHALATION
2-ethyl hexanol	2049 mg/kg (rat)	1970 mg/kg (rabbit)	Not available
distillates (petroleum), hydrotreated light	>5000 mg/kg (rat)	>2000 mg/kg (rabbit)	Not available

SKIN CONTACT: May cause mild to moderate skin irritation including redness and swelling. May cause more severe response under clothing, gloves, etc. Repeated or prolonged contact may cause dermatitis.

EYE CONTACT: Severe irritant: May cause redness, inflammation and watering upon contact. High vapour concentrations may cause irritation.

INGESTION: May cause gastrointestinal irritation. May be fatal if swallowed and enters airways.

INHALATION: May cause irritation of the respiratory tract. Prolonged excessive exposure may cause adverse effects including central nervous system depression. Aspiration in to lungs may occur during swallowing or vomiting, causing lung damage or even death due to chemical pneumonia.

CARCINOGENICITY: No information available.

TERATOGENICITY: No information available.

REPRODUCTIVE TOXICITY: No information available.

MUTAGENICITY: No information available.

CHRONIC TOXICITY: No information available.

TARGET ORGAN EFFECTS: No information available.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No product or ingredient information available.

PERSISTENCE AND DEGRADABILITY: No information available.

BIOACCUMULATIVE POTENTIAL: No information available.

MOBILITY IN SOIL: No information available.

OTHER ADVERSE EFFECTS: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose/incinerate in accordance with federal, state and local regulations. Do not dump into sewer drains, watercourses or on the soil. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal. Empty containers, which have not been cleaned and purged, contain residual hazardous material and must be disposed of, or recycled, according to local regulations.

SECTION 14: TRANSPORTATION INFORMATION

UN NUMBER:	Not applicable
PROPER SHIPPING NAME:	Not applicable
CLASS:	Not applicable
PACKING GROUP:	Not applicable
IMDG HAZARDS:	Not applicable
BULK TRANSPORT:	Not applicable
SPECIAL PRECAUTIONS:	Not applicable

SECTION 15: REGULATORY INFORMATION

DSL:	All ingredients are listed on the DSL.
WHMIS CLASS:	B3, D2B
TSCA:	All ingredients are listed or exempt from listing.

SECTION 16: OTHER INFORMATION

REVISION DATE:	February 8, 2022
REPLACES:	May 11, 2018

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