

Rough Neck**Section 1: MANUFACTURER/PREPARER INFORMATION & HAZARD WARNINGS**

Chemfax Products Ltd.
1106-46 Avenue S.E.
Calgary, Alberta, T2G 2A6

EMERGENCY PHONE

(613) 996-6666

INFORMATION PHONE

(403) 287-2055

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WHMIS HAZARD SYMBOLS & DEFINITIONS

Class D-2: Poisonous & infectious material: other toxic effects

Class B: Combustible & flammable material

Section 2: HEALTH HAZARD DATA**ROUTES OF ENTRY/SIGNS & SYMPTOMS OF ACUTE EXPOSURE:**

EYES: May cause irritation **SKIN:** May cause irritation in sensitive individuals with prolonged use or exposure, degreasing of skin. **INHALATION:** N/A. **INGESTION:** Possible irritation of mucous membranes, nausea and vomiting if ingested.

Chronic Effects: None known. **Carcinogens:** None. **Medical Conditions Aggravated by Exposure:** None.

EMERGENCY & FIRST AID PROCEDURES:

EYES: Wash for 15 minutes with water. Seek immediate medical advice. **SKIN:** Wash with copious amounts of water. If irritation persists, seek medical advice. **INHALATION:** Remove patient to fresh air. If breathing difficulties persist seek immediate medical advice. **INGESTION:** If ingested, DO NOT INDUCE VOMITING, seek immediate medical advice.

Section 3: PREVENTATIVE MEASURES

Respiratory Protection: If vapours become concentrated, air purifying respirator fitted with organic vapour cartridges.

Ventilation: Local exhaust

Gloves: Neoprene. **Eye Protection:** Goggles or glasses. **Other Protective Measures:** Chemical resistant footwear and coveralls.

Work/Hygienic Practices: Handle with care, do not eat or drink around material. Wash hands thoroughly after use.

Handling and Storing: Handle with care, avoid open flames, product will burn, do not ingest. Store in a cool, dry place. Residues in drums will burn, do not use cutting torch on empty container.

KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS.

N/A=Not Applicable. N/E=Not Evaluated/Established. N/R=Not Reported by Manufacturer.

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Section 4: HAZARDOUS COMPONENTS & EXPOSURE LIMITS

Hazardous Component Name	CAS #	OSHA PEL	ACGIH-TLV	Other Limit	% Wt
Monoterpene hydrocarbon	5989-27-5	N/E	N/E	N/E	10-25
Isopropyl alcohol	67-63-0	40 ppm	40 ppm	N/A	5-15

§ indicates a toxic chemical subject to the reporting requirements of SARA Title III, Section 313.

† indicates a chemical known to the State of California to cause cancer, birth defects or other reproductive harm per Proposition 65.

Section 5: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/E	Specific Gravity:	N/E
Vapor Pressure:	N/E	Percent Volatile:	40-60
Vapor Density (Air=1):	N/E	Evaporation Rate:	N/E
Solubility in Water:	Miscible	pH:	7-9
Appearance/Odor:	Golden yellow, clear liquid/Pleasant odour.		

Section 6: FIRE & EXPLOSION HAZARD DATA

Flash Point (Method):	>95°C	Flammable Limits. LELN/E	UEL: N/E
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Extinguishing Media: Water or dry foam, or media suitable for other materials involved in the fire

Special Firefighting Procedures: Full personal protection may be required for fire fighters if involved in large quantities

Unusual Fire and Explosion Hazards: COMBUSTIBLE! Will burn if involved in fire

Section 7: REACTIVITY DATA

Stability: Stable. **Hazardous Polymerisation:** Will not occur. **Conditions to Avoid:** Avoid open flames, product will burn if involved in fire. **Incompatibility:** Strong acids and strong oxidising agents. **Hazardous Decomposition Products:** Oxides of nitrogen, carbon and sulphur.

Section 8: SPILLS, DISPOSAL & ADDITIONAL INFORMATION

Spill/Leak Collect product for recovery. Flush with plenty of water.
Procedures:

Waste Disposal: Dispose of in accordance with local, Provincial or federal regulations.

Additional Information: HMIS (US) Hazard Ratings: Health=1, Fire=1, Reactivity=0.
Material Use: Emulsifier for crude oil, tar, asphalt and pipe dope.

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