

# Safety Data Sheet

Section 1. Identification	
<b>Product Identifier</b>	Rough Neck Gel
	<b>Version: 2</b> <b>Effective Date:</b> 25 January 2021
<b>Other Means Of Identification</b>	None
<b>Initial Supplier Identifier</b>	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055
<b>Recommended Use and Restrictions On Use</b>	Emulsifier for crude oil, tar, asphalt and pipe dope for use in extreme cold conditions. No restrictions.
<b>Product Family</b>	Blend
<b>Emergency Phone</b>	1-855-887-2055 Monday - Friday 8:00am - 4:30pm MST

Section 2. Hazard Identification	
<b>Hazard Classification</b>	
<b>Physical Hazards</b>	None
<b>Health Hazards</b>	Aspiration Hazard – Category 1 Specific Target Organ Toxicity-Single Exposure (Narcotic Effects) – Category 3
<b>Signal Word</b>	Danger
<b>Hazard Statement</b>	May be fatal if swallowed and enters airways. May cause respiratory irritation or may cause drowsiness or dizziness.
<b>Precautionary Prevention Statement</b>	Wash hands thoroughly after handling. Wear eye, face and protective gloves. Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Use only outdoors or in a well-ventilated area.
<b>Precautionary Response Statement</b>	Specific Treatment: do not induce vomiting unless directed by medical personnel. Take off contaminated clothing and wash it before reuse. IF SWALLOWED: Immediately call a doctor. Do NOT induce vomiting.

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	<p>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 attention.</p> <p>IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.</p>
<b>Precautionary Storage Statement</b>	Store locked up in a well ventilated place. Keep container tightly closed.
<b>Precautionary Disposal Statement</b>	Dispose of contents / container in accordance with local regulations.
<b>Other Hazards</b>	None

Section 3. Composition / Information on Ingredients			
Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Distillates	N/A	64742-47-8	70 - 100
Glycol	N/A	111-76-2	5 - 10
Balance of ingredients are considered non-hazardous and constitute a proprietary blend			

Section 4. First-Aid Measures	
<b>Eye Contact</b>	Flush eyes with water for 15 minutes. Seek medical attention.
<b>Skin Contact</b>	Flush area with water. If irritation persists seek medical attention. Launder clothing before reuse.
<b>Inhalation</b>	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
<b>Ingestion</b>	Rinse mouth with water if conscious. Do not induce vomiting. Lay victim on left side to prevent aspiration of any vomit. Seek immediate medical attention.
<b>Most Important Symptoms and Effects Both Acute and Delayed</b>	In case of inhalation it may cause nausea and vomiting, headache, drowsiness, dizziness and unconsciousness.
<b>Immediate Medical Attention and Special Treatment</b>	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Section 5. Fire Fighting Measures	
<b>Suitable and Unsuitable Extinguishing</b>	Carbon dioxide, foam or dry chemical. Do not use direct water jet.

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<b>Media</b>	
<b>Hazardous Combustion Products</b>	Carbon monoxide and dioxide.
<b>Precautions for Fire Fighting</b>	Fire fighters should wear self contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire.

<b>Section 6. Accidental Release Measures</b>	
<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Gloves, safety glasses or goggles, chemical resistant footwear, coveralls. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
<b>Environmental Precautions</b>	Do not allow product to enter surface drains and watercourses.
<b>Methods and Materials For Containment and Clean-Up</b>	Pump up large volumes and soak up small amounts on an absorbent material. Place waste material in a suitable container for disposal. Wash area with water to remove residues

<b>Section 7. Handling and Storage</b>	
<b>Precautions For Safe Handling</b>	Handle with care. Use in well ventilated areas.
<b>Conditions For Safe Storage</b>	Store in cool, well ventilated area. Keep containers closed when not in use. Avoid storing in direct sunlight or near other heat sources; eliminate all sources of ignition.

<b>Section 8. Exposure Controls / Personal Protection</b>				
<b>Control Parameters</b>	<b>TWA: 8 Hr</b>	<b>STEL: 15 min</b>	<b>Ceiling</b>	<b>IDLH *</b>
Glycol	50 ppm ACGIH			
Distillates	5 mg/m <sup>3</sup>			
<b>Exposure Controls</b>	Local exhaust ventilation			
<b>Appropriate Engineering Controls</b>	Use with adequate ventilation. Ensure eye wash station and safety shower are available.			

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<b>Individual Protective Measures</b>	Under normal conditions of use these are not normally required. If exposure limits are exceeded:
<b>Eye / Face Protection</b>	Safety glasses.
<b>Skin Protection</b>	Wear gloves (nitrile), coverall (Nomex), chemical resistant footwear
<b>Respiratory Protection</b>	Air purifying respirator fitted with organic vapour cartridges must be worn.

Section 9. Physical and Chemical Properties	
<b>Appearance</b>	Brown Gel
<b>Odour</b>	Mild
<b>Odour Threshold</b>	Not available.
<b>pH</b>	7 – 8
<b>Flash Point</b>	95 °C
<b>Boiling Point and Boiling Range</b>	No data
<b>Melting Point and Freezing point</b>	< -50 °C
<b>Evaporation Rate</b>	No data
<b>Flammability (solids/gas)</b>	N/A
<b>Upper and Lower Flammability or Explosive Limits</b>	No data
<b>Vapour Pressure</b>	No data
<b>Vapour Density</b>	No data
<b>Relative Density</b>	0.88
<b>Solubility</b>	Dispersible in water. Soluble in hydrocarbons.
<b>Partition co-efficient, n-Octanol/Water</b>	No data
<b>Auto-ignition Temperature</b>	No data
<b>Decomposition Temperature</b>	No data
<b>% Volatile</b>	No data
<b>Viscosity</b>	No data

Section 10. Stability and Reactivity	
<b>Reactivity</b>	Stable
<b>Chemical Stability</b>	Stable
<b>Possibility of Hazardous Reactions</b>	Will not occur
<b>Conditions to Avoid</b>	Naked flames. Sparks and sources if ignition.
<b>Incompatible Materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	This product is not expected to decompose under normal conditions of use.

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<b>Section 11. Toxicological Information</b>	
<b>Component Toxicity</b>	<b>LD50 Oral      LD50 Dermal      LC50 Inhalation</b>
Glycol	2500 mg/kg (Female Rat)      406 mg/kg (Male Rabbit)
Distillates	>5 g/kg (Rat)      >2 g/kg (Rabbit)
<b>Likely Routes of Exposure</b>	
<b>Skin:</b>	Not classified.
<b>Eyes:</b>	May cause mild irritation.
<b>Inhalation:</b>	May cause respiratory tract irritation.
<b>Ingestion:</b>	May cause irritation of the gastrointestinal tract.
<b>Acute Toxicity Estimates (ATE)</b>	Not classified
<b>STOT (Specific Target Organ Toxicity) – Single Exposure</b>	May cause drowsiness or dizziness
<b>Aspiration Toxicity</b>	May cause irritation
<b>STOT (Specific Target Organ Toxicity) – Repeated Exposure</b>	Not classified
<b>Skin Corrosion / Irritation</b>	Not classified
<b>Serious Eye Damage / Irritation</b>	irritating
<b>Respiratory or Skin Sensitization</b>	Not classified
<b>Carcinogenicity</b>	No listed.
<b>Reproductive Toxicity</b>	
- <b>Sexual Function and Fertility</b>	Not classified
- <b>Development of Offspring</b>	Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother.
- <b>Effects on or via Lactation</b>	Not classified
<b>Germ Cell Mutagenicity</b>	Not classified
<b>Interactive Effects</b>	Not classified
<b>Other Information</b>	None known

<b>Section 12. Ecological Information</b>	
<b>Ecotoxicity</b>	Distillates

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	LC50 Fish: 2.9 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour)
<b>Persistence and Degradability</b>	Will not persist
<b>Bioaccumulative Potential</b>	No data
<b>Biodegradability</b>	Expected to be completely biodegradable
<b>Mobility in Soil</b>	No data
<b>Other Adverse Effects</b>	None known

### Section 13. Disposal Considerations

<b>Disposal Considerations</b>	Dispose of contents / container in accordance with local regulations.
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### Section 14. Transport Information

<b>UN Number</b>	Not applicable
<b>UN Proper Shipping Name</b>	Not applicable
<b>Transport Hazard Class(es)</b>	Not applicable
<b>Packaging Group</b>	Not applicable
<b>Environmental Hazards</b>	Not applicable
<b>Bulk Transport</b>	Not applicable
<b>Special Precaution</b>	Not applicable
<b>DOT Erg#</b>	None

### Section 15. Regulatory Information

<b>Canada – DSL Inventory</b>	All components of this product are either on the Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL) or exempt
<b>TSCA</b>	All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt
<b>Additional Information</b>	None

### Section 16. Other Information

<b>NFPA Rating</b>	Health-1/ Flammability-1/Reactivity-0/Special Hazard-Not applicable
<b>HMIS Rating</b>	Health-1/Flammability-1/Reactivity-0/Personal Protection-See Section 8.
<b>Prepared by:</b>	Chemfax Products Ltd., Technical Department
<b>Date Prepared:</b>	March 26, 2019
<b>Date of Latest Revision:</b>	25 January 2021

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**Disclaimer**

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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