



Material Safety Data Sheet

NFPA 	HCS Risk Phrases HCS CLASS: Irritating substance.	Personal Protective Equipment 
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Section 1 Chemical Product and Company Identification

Common Name/Trade Name EXTREME LUBE		Emergency Phone Numbers CHEMTREC: 1-800-424-9300 24 Hour Information number: -281-360-7315 Plant Number:
Manufacturer	BULLDOG CHEMICALS 29030 Lake Houston Lane Huffman, TX 77336	
Chemical Name	Not available.	
Synonym	Chlorinated Wax, Sulfurized Olefin, Lard Oil Blend	
CAS#	Proprietary	
Code	Not available.	

Section 2 Composition and Information on Ingredients

Ingredients	CAS #	% Weight	TLV/PEL
See Section 1			Not applicable.

Section 3 Hazards Identification

Emergency Overview CAUTION!	A non-flammable, dark brown, viscous liquid material. Can cause eye irritation. Hydrogen chloride and hydrogen sulfide gas may be present in the headspace of the product container. Combustion can produce carbon oxides, hydrogen chloride, and hydrogen sulfide. Exposure to intense heat may cause drums to rupture. Treat as an oil fire.
Potential Chronic Health Effects	There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate medical conditions.
Potential Acute Health Effects	Can cause eye irritation.

Section 4 First Aid Measures

Eye Contact	Avoid contact with eyes. Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention.
Skin Contact	Avoid contact with skin and eyes. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap.
Inhalation	Allow the victim to rest in a well ventilated area. Seek medical attention.
Ingestion	No known effect according to our data base. If ingested, seek medical advice immediately and show the container or the label.

Section 5 Fire and Explosion Data

Flammability of the Product	Non-flammable.	Auto-Ignition Temperature	Not available.
Flash Points	OPEN CUP: >176.67°C (350°F). (Cleveland.)		
Flammable Limits	Not available.		
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemicals, CO2, water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet. Use self contained breathing apparatus equipt with full face piece operated in a positive pressure mode and full protective clothing. Treat as an oil fire. Water may be used to keep containers cool.		
Products of Combustion	Carbon oxides, hydrogen chloride gas, hydrogen sulfide gas, and products of incomplete combustion.		
Fire Hazards in Presence of Various Substances	No specific information is available in our database regarding the flammability of this product in presence of various materials.		
Special Remarks on Fire Hazards	Some hydrogen chloride and hydrogen sulfide gas can evolved at room temperature. Large amounts of these gases can evolve at elevated temperatures.		

Section 6 Accidental Release Measures

Small Spill	Absorb with an inert material and place in an appropriate waste disposal container.
Large Spill	Treat like an oil spill. Containment booms can be used. Recover product if possible. Wear appropriate protective equipment. Stop spill at the source. Dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid can be taken up with absorbent material and placed into containers.

Section 7 Handling and Storage

Precautions	Keep away from heat. Open product containers in well ventilated area due to the possible presence of irritating in the headspace. Do not breathe gas, fumes, vapor or spray.
Storage	Keep container dry and in a cool, well-ventilated place. Keep container tightly closed. Store away from extreme heat and away from oxidizing agents, reducing agents, and alkalis.

Section 8 Exposure Controls/Personal Protection

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal Protection	Safety glasses, gloves (impervious), suitable protective clothing. Use NIOSH approved respirator if gas, fumes, mist or vapor is present.
Personal Protection in a Large Spill	Splash goggles, suitable protective clothing, boots, impervious gloves. Use NIOSH approved respirator if gas, fumes, mist or vapor is present.
Exposure Limits	Good industrial practice suggests observing the ACGIH-OSHA TWA exposure limit of 5mg/M3 for oil mists. Hydrogen Chloride: OSHA-Ceiling 5 ppm. Hydrogen Sulfide: ACGIH-TWA 10 ppm; ACGIH-STEL 15 ppm.

Section 9 Physical and Chemical Properties

Physical state and appearance	Liquid. (Viscous)	Odor	Sulfurous. (Slight.)
pH (1% soln/water)	Not available.	Color	Dark-Brown Black
Boiling Point	Not available.	Specific Gravity	1.1 (Water = 1)
Vapor Pressure	Negligible.	Vapor Density	Not available.
Volatility	Negligible	Viscosity	Not available.
Evaporation rate	Less than 1 [Water]	Solubility	Insoluble in cold water, hot water.

Section 10 Stability and Reactivity Data

Stability	The product is stable.
Instability Temperature	Not available.
Conditions of Instability	No additional remark.
Incompatibility with various substances	Reactive with oxidizing agents, reducing agents, alkalis.
Corrosivity	Not considered to be corrosive for metals and glass according to our database.
Special Remarks on Reactivity	Product is incompatible with strong oxidizing and reducing agents and strong alkali.
Special Remarks on Corrosivity	No additional remark.

Section 11 Toxicological Information

Routes of Entry	Eye contact, skin contact, inhalation, ingestion. No product toxicological data available. The hazard evaluation was based on data on the product components and similar products.
Toxicity to Animals	Acute oral toxicity LD50 [Rat]: >4,000 mg/kg (chlorinated paraffin - estimated). Acute dermal toxicity LD50 [Rabbit]: >2,000 mg/kg (chlorinated paraffin - estimated). Acute oral toxicity LD50 [Rat]: >5,000 mg/kg (sulfurized fatty oil - estimated). Acute dermal toxicity LD50 [Rabbit]: >2,000 mg/kg (sulfurized fatty oil - estimated).
Chronic Effects on Humans	Not available.
Other Toxic Effects on Humans	No specific information is available in our database regarding the other toxic effects of this material for humans.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.
Special Remarks on other Toxic Effects on Humans	This product contains chlorinated paraffins. Chlorinated paraffins are a class of compounds similarly manufactured but vary in molecular structure by carbon chain length and degree of chlorination. This product has not been shown to have significant adverse health effects in its manufacture and use.

Section 12 Ecological Information

Ecotoxicity Not available.

BOD5 and COD Not available.

Products of Biodegradation No documented effects for this product.

Toxicity of the Products of Biodegradation Not available.

Section 13 Disposal Considerations

Waste Disposal Recycle if possible. Proper characterization before disposal is recommended. Follow appropriate Federal, State, and Local regulations. Dispose at approved facilities.


Section 14 Transport Information

DOT Classification	DRUM: Not regulated by DOT. BULK: Not regulated by DOT.	DOT Identification Number	Not applicable.
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Proper Shipping Name Not applicable.

Hazardous Substances Reportable Quantity	Not applicable.	Packing Group	Not applicable.
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Special Provisions for Transport Not applicable.

DOT (Pictograms) 

Section 15 Other Regulatory Information and Pictograms

Federal and State Regulations This product appears on the TSCA Inventory, Canadian Domestic Substance List (DSL), and EINECS Inventory list.


SARA 313 Reportable Chemical(s): None

CERCLA RQ's: None

State Right-to-Know:
Not listed for the following States: CA Prop 65, FL, MA, MI, MN, NJ, PA, RI.

Other Classifications	WHMIS (Canada)	WHMIS CLASS D-2B: Material causing other toxic effects.
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HMIS (U.S.A.)	Health Hazard 2	Fire Hazard 1	Reactivity 1	Personal Protection A
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WHMIS (Canada) (Pictograms) 

Section 16 Other Information

References Serrone, D.M. "Toxicology of Chlorinated Paraffins" Ed. Chem. Toxic, Vol. 25, No.7, pp.553-562, 1987.
World Health Organization, Dr. K. Kenne, Institute of Environmental Medicine, "Chlorinated Paraffins," Environmental Health Criteria 181, 1986.

Other Special Considerations No additional remark.

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