

# MATERIAL SAFETY DATA SHEET

## LUBEX 50 Heavy Duty Engine Oil Additive

### SECTION 1. Product Identification and Uses

<b>Trade name</b>	LUBEX 50 Heavy Duty Engine Oil Additive	
<b>Synonyms</b>	Not Available	
<b>Chemical Name</b>	LBXHDY	
<b>Chemical Formula</b>	Not Available	
<b>Supplier</b>	Canadian Hi Tech Lubricants F.Z.E., Ajman Free Zone, Ajman, U.A.E.	<b>Phone:</b> +971 6 745 5245 <b>Emergency:</b> +971 50 895 3398
<b>Material Uses</b>	Lubricant Additive	
<b>CI#</b>	Not Applicable	
<b>DSL#</b>	CEPA DSL LBXHDY	
<b>CAS#</b>	80001-79-8	
<b>Code</b>	CST 007	
<b>Warehouse Class</b>	IIIB	
<b>Manufacturer</b>	Bluebay International Group INC., 4500 Chesswood Drive, Suite # 2031, North York, Ontario, Canada. M3J 2B9	<b>Phone:</b> +1 416 327 7377 <b>Emergency:</b> +1 416 727 4319

### SECTION IA. First Aid Measures

<b>Eye Contact</b>	Flush Eyes with clean water for 15 minutes, get medical attention if irritation develops or persists.
<b>Skin Contact</b>	Wash with plenty of water and soap , if irritation develops or persists seek medical at attention.
<b>Hazardous Skin Contact</b>	No additional Information.
<b>Slight ingestion</b>	Remove to fresh air; if irritation develops seek medical attention.
<b>Hazardous ingestion</b>	No additional information.
<b>Slight ingestion</b>	DO NOT induce vomiting unless directed by medical personnel, seek medical attention.
<b>Hazardous ingestion</b>	No additional information.

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### SECTION II \* Hazardous Ingredients

Hazardous Ingredients	CAS#	TWA(ppm)	STEL(ppm)	CEIL(ppm)	% by weight
	8001-79-5				<100

Toxicity Values	Not Applicable
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### SECTION III Physical Data

Physical state	Liquid
pH (1% sola/water)	Not Applicable
Odour	Characteristic
Odour threshold	Not Applicable
Taste	Not Applicable
Color	Not Applicable
Volatility	0% (v/v)
Melting point	Not Applicable
Boiling point	> 232.22 C
Specific Gravity	Not Applicable
Vapor density	> 1 (Air =1)
Vapor pressure	Not Applicable
Water / oil dist. coeff.	Not Applicable
Iconicity	Not Applicable
Critical Temperature	Not Applicable
Insanity Temperature	Not Applicable
Condition of Stability	Subject to spontaneous heating see section IV fire and explosion data.
Dispersion properties	Not Applicable
Solubility	Insoluble in water

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### SECTION IV. Fire and Explosion Data

<b>This product</b>	May be combustible at higher temperatures
<b>Auto ignition temperature</b>	Not Applicable
<b>Fire degradation products</b>	Not Applicable
<b>Flash point</b>	> 226.67 C
<b>Flammable limits</b>	Not Applicable
<b>Fire Extinguishing procedure</b>	Extinguishing media – Carbon Dioxide, Foam or Sand.
<b>Special firefighting procedure</b>	None known however, firefighters should wear self contained breathing apparatus to prevent inhalation of smoke or vapours.
<b>Flammability</b>	Keep container tightly closed, isolate from sources of heat, electrical equipment sparks and open flames. As with all vegetable oils rags, steel wool or waste soaked with oil may spontaneously catch fire if improperly discarded.
<b>Remark</b>	Immediately after use, place oil soaked material in a sealed water filled container to avoid contact with oxidizing materials.
<b>Risk of Explosion</b>	Keep container tightly closed, isolate from sources of heat, electrical equipment sparks and open flames. As with all vegetable oils rags, steel wool or waste soaked with oil may spontaneously catch fire if improperly discarded.
<b>Remark</b>	Immediately after use, place oil soaked material in a sealed water filled container to avoid contact with oxidizing materials.

### SECTION V. Reactivity Data

<b>Stability</b>	The product is stable. Hazardous polymerization will not occur.
<b>Durability</b>	Not Applicable
<b>Products of Degradation</b>	No specific information is available in our database regarding the degrading of this product.
<b>Remark</b>	No additional remark.
<b>Corrosivity</b>	No specific information is available in our data base regarding the corrosivity of this product in presence of various materials.
<b>Reactivity</b>	Materials to avoid. Caustic amines, alkanolamines, inorganic acids. Remark – Conditions to avoid. Keep away from heat, sparks, open flame and other sources of ignition.

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### SECTION VI. Toxicological Properties

<b>Routes of entry</b>	Eye contact, Skin Contact, Inhalation and Ingestion.	
<b>TWA</b>	Not Applicable.	
<b>Toxicity to animals</b>	See section II Toxicity values of hazardous ingredients.	
<b>Remark</b>	No additional remark.	
<b>Chronic effects to humans</b>	CARCINOGENIC EFFECTS:	Not Applicable
	MUTAGENIC EFFECTS:	Not Applicable
	TERATOGENIC EFFECTS:	Not Applicable
	DEVELOUPMENTAL TOXICITY:	Not applicable
<b>Remark</b>	No additional information.	

### SECTION VII. Preventive Measures

<b>Waste disposal</b>	Dispose of all waste and empty containers in accordance with all applicable federal, provincial and local regulations.
<b>Storage</b>	Keep containers tightly closed. Isolate from heat, sparks and open flames. As with all vegetable oils, rags, steel wool or waste soaked with oil may spontaneously catch fire if disposed improperly. Immediately after use, place oil soaked materials in a sealed water filled container. Avoid contact with inorganic acids, caustic amines and alkanolamines. Normal precautions common to good manufacturing proactive should be used in handling and storage.
<b>Precautions</b>	Avoid eye contact, wear splash proof chemical goggles. Avoid skin contact, chemical resistant neoprene or rubber gloves required. A respirator is not normally required. Be sure to use MSHA / NIOSH approved respirator or equivalent. If required .Determine the right type of equipment for specific application by consulting respirator manufacturer, normal plant ventilation is recommended.
<b>Spills and leaks</b>	Absorb spillage with inert materials (e.g. sand) and collect into suitable cabled containers for disposal at an approved site. Wear proper protective clothing and equipment.
<b>Protective clothing</b>	Splash goggles, full suit, boots, gloves and vapor respirator. Be sure to use a MSHA / NIOSH approved respirator or equivalent. Suggestive protective clothing might not be sufficient consult a specialist before handling this product.

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### SECTION VIII. Classification

<b>TDG road / rail</b>	Not controlled under TGD (Canada)
<b>Remark</b>	TDG / Containers > 454 Liters: Not applicable TDG / Containers < 454 Liters: Not applicable
<b>WHMIS</b>	Not Controlled under WHMIS (Canada)

### SECTION IX. Protective Clothing

<b>Protective Clothing</b>	Wear splash proof chemical goggles, Chemical resistant neoprene gloves or rubber gloves, be sure to use MSHA / NIOSH approved respirator or equivalent if required.
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### SECTION X. Other Information

<b>Reference</b>	Manufacture's Material Safety Data Sheet Sax's Dangerous Properties of industrial Materials, 9th Edition, CDROM Version 1.0
<b>Validated by Information Phone</b>	Peggy Soukup on 11/22/1999 1-800-665-6627
<b>Verified by Printed on</b>	Sandra Pullara 04/05/2007
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