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Lapmaster
International



MATERIAL SAFETY DATA SHEET

Date: April 2008

Section #1: PRODUCT AND COMPANY IDENTIFICATION

Lapmaster International, LLC
501 W. Algonquin Road
Mt. Prospect, IL 60056

Telephone: (224) 659-7101 (Office Hours 8:00 a.m. to 5:30 p.m. CST)
Emergency Phone: 24 Hours/Day.... Chemtrec @ 1-800-424-9300

Product Identification: METS Blue Lubricant Series KG4490
Product Name: Lubricant Formulation METS-LUBE-BLU-XXXX

Section #2: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient Information: Glycol, Alcohol, Water

Component Name	Percentage %	CAS Number	OSHA PEL	ACGIH TWA
Ethylene Glycol	5-30%	107-21-1	50ppm	50ppm
Isopropyl Alcohol	5-30%	67-63-0	400ppm	400ppm
Denatured Alcohol	50-90%	mixture	1000ppm	1000ppm

Section #3: HAZARDS INFORMATION

EMERGENCY OVERVIEW: Flammable, may cause blindness or fatal if swallowed

POTENTIAL HEALTH EFFECTS:

EYE: May cause irritation & excessive tears
SKIN: May cause irritation
INGESTION: May cause dizziness, euphoria, nausea, vomiting, blindness, convulsions, kidney damage or death
INHALATION: Irritant: Can cause blindness, vomiting, nausea, headaches, dizziness.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Repeated exposure may aggravate existing liver & kidney disease

HEALTH HAZARDS (ACUTE AND CHRONIC):

None Known

SIGNS AND SYMPTOMS OF EXPOSURE:

None Known

CHRONIC / CARCINOGENICITY:

NTP: N/A
OSHA: N/A
IARC: N/A

Section #4: FIRST AID MEASURES

EYES: Remove Contacts – Flush eyes with saline – Seek Medical Attention
SKIN: Wash with Soap and water for 15 minutes – If irritated, Seek Medical Attention
INGESTION: Provide plenty of water – If large amount swallowed – Seek Medical Attention
INHALATION: Remove victim to fresh air

Section #5: FIRE FIGHTING MEASURES

FIRE FIGHTING: Flammable: Use self-contained breathing apparatus and protective clothing. Reignition possible.
EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical, foam
HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide and carbon dioxide
CONDITIONS OF FLAMMABILITY: Can produce floating fire hazard
EXPLOSION DATA:
IMPACT SENSITIVITY: N/A
STATIC DISCHARGE: Vapors can travel and ignite by spark

Section #6: ACCIDENTAL RELEASE MEASURES

GENERAL: Remove all ignition & spark sources. Confine spill use to local or federal regulations in collecting and disposing of material. Wipe with water.

Section #7: HANDLING AND STORAGE

HANDLING: Flammable! Wear Safety Goggles-Protective Gloves, Adequate Ventilation. Wash after handling.
STORAGE: Store in a cool, dry place away from sparks, flames or other ignition sources. Always keep the containers sealed/closed when not in use.

Section #8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See section #3

PERSONAL PROTECTION:

EYE/FACE: Wear Safety Goggles
SKIN: Use Gloves
RESPIRATORY: Proper Ventilation

Section #9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Thin liquid
ODOR AND APPEARANCE: Blue color, strong odor
BOILING POINT: 174 Degrees F
MELTING POINT: - 121 F
PH: N/A
VAPOR PRESSURE (mmHg): 50mm Hg@68F
SPECIFIC GRAVITY: 0.8
WATER SOLUBILITY: Yes
% VOLATILES: 100%
EVAPORATION RATE: Approx. 3.5
COEFFICIENT WATER/OIL: N/A

Section #10: STABILITY AND REACTIVITY

STABILITY: Stable
STABILITY CONDITIONS TO AVOID: Extreme Heat or Cold
REACTIVITY: Flammable, but unreactive
REACTIVITY CONDITIONS TO AVOID: Strong oxidizing agents & inorganic acids

Section #11: TOXICOLOGICAL INFORMATION

ACUTE HEALTH HAZARDS:
ACUTE ORAL: N/A
COMPONENTS: N/A

Section #12: ECOLOGICAL INFORMATION

GENERAL: Contains Ethylene Glycol

Section #13: DISPOSAL INFORMATION

WASTE DISPOSAL: Comply with State and/or Federal regulations
RCRA HAZARDOUS WASTE: Some RCRA hazardous waste, methyl alcohol, ethyl acetate and methyl isobutyl ketone

Section #14: TRANSPORTATION INFORMATION

DOT HAZARD CLASS: 3
PROPER SHIPPING NAME: Denatured alcohol, flammable liquid 3
IDENTIFICATION NUMBER: NA 1987
TDGA: Flammable
PACKING GROUP: III

Section #15: REGULATORY INFORMATION

TSCA STATUS: All ingredients listed on the TSCA inventory

WHMIS CLASSIFICATION: Not known

SARA Title 111: Ethylene Glycol, methyl alcohol, methyl isobutyl ketone, section 313

HMIS RATINGS: Health 2, Flammability 2, Reactivity 0

Section #16: OTHER INFORMATION

The information contained in this Material Safety Data Sheet (MSDS) document is believed to be accurate and reliable. Because it is impossible to anticipate all conditions of use, some additional safety precautions may be required. *LAPMASTER INTERNATIONAL, LLC, MAKES NO REPRESENTATION OR WARRANTY, EITHER EXPRESS OR IMPLIED, AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.* Each user should read and understand the information provided and incorporate it into their individual site safety programs as required by applicable hazard communication standards and regulations.

ABBREVIATIONS:

ACGIG	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
EPA	Environmental Protection Agency
PEL	Permissible Exposure Limit
PPE	Personal Protective Equipment
EPRCA 313	Emergency Planning & Community Right-to-Know Act, Section 313
WHIMIS	Canadian Workplace Hazardous Material Information System
OSHA	Occupational Health and Safety Administration