

MATERIAL SAFETY DATA SHEET FOR CANTESCO® LUBE PADS AND WIRE FEED LUBRICANT

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : CANTESCO® WIRE LUBE PADS AND WIRE FEED LUBRICANT
PRODUCT IDENTIFIER : LUBE PADS / WIRE FEED LUBRICANT
PRODUCT USE : REDUCE FRICTION IN WIRE FEED UNITS
ITEM CODE(S) : LUBE-4, LUBE-6, LUBE-8, LUBE-25, LUBE8OZ
UPC BAR CODE(S) : 10100, 10105, 10110, 10115, 10125
FORMULA NAME : LUBE
FORMULA CODE : 41018
MSDS CODE : 16
E-MAIL ADDRESS : MSDS@CANTESCO.COM
WEB ADDRESS : WWW.CANTESCO.COM
USA ADDRESS : KEMPER SYSTEM AMERICA
1200 NORTH AMERICA DRIVE
WEST SENECA, NY 14224
PH (716) 693-8206
FAX (716) 693-8373
CANADIAN ADDRESS : KEMPER SYSTEM CANADA
13 - 5200 DIXIE ROAD
MISSISSAUGA, ON L4W 1E4
PH (905) 624-5463
FAX (905) 624-2840
PREPARED BY : QUALITY MANAGER
TELEPHONE : (905) 624-5463
EMERGENCY TELEPHONE : (613) 996-6666 (CANUTEC – Call collect)
PREPARATION DATE : MARCH 01, 2011
OSHA REGULATORY STATUS : NOT REGULATED
WHMIS CLASSIFICATION : NOT REGULATED

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

| HAZARDOUS INGREDIENTS | CAS | OSHA PEL | ACGIH TLV | LD50 SPECIES/ROUTE | LC50 SPECIES/ROUTE | %WT |
|-----------------------|-----|----------|-----------|--------------------|--------------------|-----|
| NONE | | | | | | |

SECTION 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

EYE: Mildly irritating to eyes.
SKIN: Prolonged or repeated contact with skin may cause mild irritation and possibly dermatitis.
INGESTION: Low toxicity on ingestion. Has laxative effect.
INHALATION: If heated, sprayed or misted, may cause chemical pneumontis.
EFFECTS OF ACUTE EXPOSURE: N/Av
EFFECTS OF CHRONIC EXPOSURE: No serious long-term health effects are anticipated.
OTHER IMPORTANT HAZARDS: None
SUGGESTED HMIS RATING: HEALTH | 1 | FLAMMABILITY | 1 | REACTIVITY | 0 | PERSONAL PROTECTION | A |

SECTION 4. FIRST AID MEASURES

INHALATION: If someone has difficulty breathing after exposure to product, remove him or her to fresh air immediately. If breathing difficulty persists, contact a doctor.

INGESTION: If swallowed, do not induce vomiting. Get medical attention right away.

EYE CONTACT: For eye contact, flush with water for at least 15 minutes.

SKIN CONTACT: For skin contact, wash with soap and water.

SECTION 5. FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY: Not known.

MEANS OF EXTINCTION: Halon, dry chemical, foam CO₂, and water mist or fog. Water may be used to cool below flash point.

SPECIAL FIRE FIGHTING PROCEDURES: Do not use forced stream as this could cause fire to spread.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/Av

FLASH POINT / DETERMINATION: 230°F (110°C) min / COC

UPPER FLAMMABLE LIMIT: N/Av

LOWER FLAMMABLE LIMIT: N/Av

AUTO-IGNITION TEMPERATURE: Not known.

HAZARDOUS COMBUSTION PRODUCTS: This product may release carbon dioxide and carbon monoxide.

EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT: Not sensitive.

EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE: Not known.

SECTION 6. ACCIDENTAL RELEASE MEASURES

LEAK / SPILL RESPONSE: Ensure that all spilled material is promptly cleaned up. Absorb with inert material such as vermiculite or paper towels, place in a chemical waste container for eventual disposal. Seal and label the container as waste. Dispose of in accordance with all federal, state, provincial and local regulations.

SPECIAL INSTRUCTIONS: Avoid contact with eyes, or prolonged contact with skin. Wash thoroughly after handling. Keep away from food, and out of reach of small children.

SECTION 7. HANDLING AND STORAGE

HANDLING PROCEDURES / EQUIPMENT: Keep containers closed when not in use.

STORAGE REQUIREMENTS: Store in a cool, dry area away from oxidizing materials.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE PROTECTION: Safety glasses with side shields, or chemical splash goggles, are recommended when handling this product.

SKIN PROTECTION: Protective gloves not normally required. People with sensitive skin may prefer to wear water-proof gloves, such as rubber or neoprene, to avoid skin contact.

ENGINEERING CONTROLS: No special ventilation requirements. Special respiratory protection is not required for normal conditions of use of this product.

EXPOSURE GUIDELINE LEVELS: N/Ap.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---------------------------------------|---|---|
| PHYSICAL STATE | : | Liquid or pads treated with liquid |
| ODOR AND APPEARANCE | : | Mild petroleum odor, golden oily liquid |
| ODOR THRESHOLD | : | N/Ap |
| SPECIFIC GRAVITY (H ₂ O=1) | : | ~1.0 |
| VAPOUR PRESSURE (mm HG) | : | Approximately that of water (24 mm Hg) |
| VAPOUR DENSITY (AIR=1) | : | >1.0 |
| EVAPORATION RATE (BA=1) | : | N/Av |
| BOILING POINT (°F) | : | Approximately >599°F (>315°C) |
| FREEZING POINT (°F) | : | N/Av |
| pH | : | N/Av |
| COEFFICIENT OF WATER/OIL DISTRIBUTION | : | N/Ap |
| DENSITY | : | .91 |
| SOLUBILITY IN WATER | : | Not Soluble |
| % VOLATILE BY VOLUME | : | N/Av |
| VOC'S | : | N/Av |

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Normally stable.

CONDITIONS TO AVOID: Excessive heating.

MATERIALS TO AVOID (INCOMPATIBILITIES): Strong oxidizing agents: Peroxides, Chlorine, Strong Acids, etc.

CONDITIONS OF REACTIVITY: N/Av

HAZARDOUS DECOMPOSITION BYPRODUCTS: Oxides of sulphur and carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

LD50: N/Av

LC50: N/Av

ROUTES OF ENTRY: INHALATION[N] EYE CONTACT[Y] SKIN CONTACT[N] SKIN ABSORPTION[N] INGESTION[N]

EXPOSURE LIMITS: N/Av

IRRITANCY OF PRODUCT: Not known to be irritating.

SENSITIZATION TO PRODUCT / MEDICAL CONDITIONS AGGRAVATED: Not known to cause allergies.

CARCINOGENICITY: No ingredients known to be carcinogens,

TERATOGENICITY / MUTAGENICITY / REPRODUCTIVE TOXICITY: No effects determined.

TOXICOLOGICAL DATA: N/Ap

SECTION 12. ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS: Not known. Not expected to have serious environmental effects in small quantities.

IMPORTANT ENVIRONMENTAL CHARACTERISTICS: None known.

AQUATIC TOXICITY: Not known. Expected to have minimal toxicity.

SECTION 13. DISPOSAL CONSIDERATIONS

Place in a sealed container and label as waste. Place in a safe area, and comply with all federal, state, provincial and local regulations for disposal.

SECTION 14. TRANSPORTATION INFORMATION

| | | |
|-------------------------------------|---|----------------|
| SPECIAL SHIPPING INFORMATION | : | None |
| DOT HM-181 SHIPPING INFORMATION | | |
| PROPER SHIPPING NAME | : | Not regulated |
| HAZARD CLASS OR DIVISION | : | none |
| UN NUMBER | : | none |
| PACKAGING GROUP | : | none |
| LABEL(S) REQUIRED | : | none |
| TDG SHIPPING INFORMATION | | |
| TDG SHIPPING NAME | : | Not regulated |
| TDG CLASSIFICATION | : | none |
| UN NUMBER | : | none |
| PACKING GROUP | : | none |
| LABEL(S) REQUIRED | : | none |
| NAERG | : | none |
| EMERGENCY TELEPHONE NUMBER | : | (613) 996-6666 |
| INTERNATIONAL TRANSPORT INFORMATION | | |
| PROPER SHIPPING NAME | : | Not regulated |
| CLASS OR DIVISION | : | none |
| SUBSIDIARY RISK | : | none |
| HAZARDOUS LABEL(S) | : | none |
| PACKAGING GROUP | : | none |
| UN OR ID NUMBER | : | none |

SECTION 15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA): The product on this MSDS, or all of its components, is listed under TSCA.

SARA TITLE III, SECTION 313: The following ingredients are subject to the reporting requirements of section 313 of Title III of the Superfund and Reauthorization Act of 1986 and 40 CFR Part 372: None

CLEAN AIR ACT (CAA): The following ingredients appear on the List of Hazardous Air Pollutants (HAP – 42 USC 7412, Title I, Part A, p112): None

CLEAN WATER ACT (CWA): The following ingredients appear on the CWA List of Hazardous Substances (40 CFR 116.4): None

CALIFORNIA PROPOSITION 65: The following ingredients appear on the Proposition 65 list(s): None

CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS): This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

DOMESTIC SUBSTANCES LIST (DSL): The product on this MSDS, or all of its components, is included in the DSL.

SECTION 16. OTHER INFORMATION

| | |
|---------|---|
| N/E | Not Established |
| N/Av | Not Available |
| N/Ap | Not Applicable |
| IARC | International Agency for Research on Cancer |
| ACGIH | American Conference of Governmental Industrial Hygienists |
| NIOSH | National Institute for Occupational Health and Safety |
| TLV-TWA | Threshold Limit Values, Time Weighted Average |
| NAERG | North American Emergency Response Guidebook |
| WHMIS | Workplace Hazardous Materials Information System |

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ADDITIONAL INFORMATION REPLY FORM – PLEASE FAX OR EMAIL BACK

PLEASE ADD ME TO YOUR MSDS DATA BASE FOR PRODUCT UPDATES:

| | | | |
|---------------|--|-------------------|--|
| NAME | | TITLE / DEPT | |
| FIRM | | | |
| ADDRESS | | | |
| CITY | | | |
| STATE / PROV | | ZIP / POSTAL CODE | |
| PHONE | | FAX | |
| EMAIL ADDRESS | | | |

PLEASE SEND ME INFORMATION ON THE FOLLOWING CANTESCO® PRODUCTS:

| | |
|---|--|
| WELDING CHEMICAL PRODUCTS | |
| AUTOMOTIVE, TRUCK & BUS FLEET WASH PRODUCTS | |
| CONSUMER CLEANING PRODUCTS | |
| INDUSTRIAL & INSTITUTIONAL CLEANERS | |
| HVAC CHEMICAL PRODUCTS | |