

# TECHNICAL DATA SHEETS

## ENVIROSAFE CHEMICALS CANADA

### CLEAR LUBE

#### FOOD GRADE SILICONE SPRAY

1. Multipurpose, Multiuse
2. Colourless, Odourless, Non-staining
3. Precise Fan Spray Control
4. Contains No Ozone Depleters
5. Non-chlorinated, Non-carcinogenic

This high tech silicone spray is formulated specifically for the needs of the food industries. This product meets USDA requirement for use in federally inspected meat and poultry plants. Meets 21 CFR 175.300 for Resinous and Polymerous coatings for use in producing, manufacturing, packing, processing preparing, treating,, packaging, transporting, or handling food. Prevents corrosion on metals, reduces friction on surfaces, lubricates and quiet moving parts, and dress and detail rubber, plastic, vinyl and other materials.

**USES** - Ideally suited for ice machines, knives, cutting tables and blades, conveyor system maintenance, bottling/canning machinery, bakery equipment, dairy equipment, feed racks, in bars and restaurants, virtually any equipment or machinery in or near food related areas.

**DIRECTIONS** – Hold can upright and spray onto desired surface from a distance of 6-8 inches. Spray in a sweeping side-to-side motion. Any accumulation will dry out unassisted.

**NOTE** – Protect surrounding areas from slippery over spray when needed

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## ENVIROSAFE CHEMICALS CANADA MATERIAL SAFETY DATA SHEET

### SECTION 1-PRODUCT IDENTIFICATION AND USE

CLEAR LUBE

PRODUCT IDENTIFIER: CLEAR LUBE

PRODUCT IDENTIFICATION

NUMBER (PIN)

PRODUCT USE: FOOD GRADE SILICONE SPRAY

MANUFACTURER'S NAME: ENVIRO-SAFE CHEMICALS

ADDRESS: 3207 WELLS AVE

CITY: SASKATOON

PROVINCE: SASKATCHEWAN

POSTAL CODE: S7K 5W4

TEL: 306-933-0505

### SECTION 2-HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 OF INGREDIENT SPECIFY SPECIES AND ROUTE)	LC OF INGREDIENT (SPECIFY SPECIES)	TLV(ACGIH)
HEXANE		110-54-3	28.7 g/kg, rat	50 ppm	N/A
ISOBUTANE		75-28-5	800 ppm	57 PPH/15m. rat	N/A
DIMETHYL SILOXANE		63148-62-9	N/A	not listed	N/A

### SECTION 3-PHYSICAL DATA

PHYSICAL STATE: Liquid

ODOUR AND APPEARANCE:

Solvent Odour, Water White, Light Syrup

ODOUR THRESHOLD (PPM):

N/A

VAPOUR PRESSURE: 40  
(mm Hg)

VAPOUR DENSITY: 4.0  
(AIR=1)

EVAPORATION RATE: N/A

BOILING POINT (?C)°F N/A

FREEZING POINT(?): N/A

pH: N/A

SPECIFIC GRAVITY: 0.60 (WATER=1)

COEFF. WATER/OIL DIST.: N/A

### SECTION 4-FIRE AND EXPLOSION DATA

FLAMMABILITY: 4

IF YES UNDER WHICH CONDITION?

MEANS OF EXTINCTION: Use drychemical, carbon dioxide,

FLASHPOINT (?C) AND METHOD:°F:-107°C

Water fog or foam extinguishers. Water spray only to cool containers.

UPPER FLAMMABLE LIMIT (% BY VOLUME): °C 8.5%

LOWER FLAMMABLE LIMIT (% BY VOLUME): °C 1.9%

AUTOIGNITION TEMPERATURE (?C): N/A

HAZARDOUS COMBUSTION PRODUCTS: gases  
produced in a fire include carbon monoxide, carbon  
dioxide and silicon dioxide.

EXPLOSION DATA SENSITIVITY TO IMPACT:

Container could burst or be punctured upon  
Mechanical impact, releasing flammable vapours.

SENSITIVITY TO STATIC DISCHARGE: The solvents

In this product present a fire hazard if exposed to a  
static discharge.

### SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY:

IF NO? UNDER WHICH CONDITION?

INCOMPATIBILITY WITH OTHER SUBSTANCES:

REACTIVITY, AND UNDER WHAT CONDITIONS: Toxic gases may be produced in fire. Vapours are heavier than  
air and travel along the ground or may be moved by ventilation and ignited by ignition sources at distant  
Locations from material handling point. Do not puncture or heat cans above 55°C may cause cans to burst.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and silicon dioxide.

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PRODUCT IDENTIFICATION: CLEARLUBE

### SECTION 6-TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Contact and inhalation.

SKIN: x SKIN ABSORPTION: x EYE CONTACT: x INHALATION: x INGESTION: x

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Irritation, headache, dizziness, giddiness, light-headedness, Drowsiness, eye redness, tearing, blurred vision, lethargy, breathing difficulty, chest pain, coughing, dry skin, abdominal pain, cramps, nausea, vomiting, unconsciousness, asphyxiation.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Long-term overexposure to the solvents in this product may lead to headaches, loss of appetite, nausea, liver and kidney damage, eye damage, drying and cracking of skin. Some solvents have been shown to cause hazardous reproductive effects.

EXPOSURE LIMITS: Hexane 28.7 g/kg, rat LD50 dermal, Isobutane LC50 57pph15M, rat

IRRITANCY OF PRODUCT: Central Nervous System, Lung, Skin, Eye.

Skin and eye irritant.

SENSITIZATION OF PRODUCT: Aggravated by overexposure, Asthma, dermatitis, liver and kidney diseases.

CARCINOGENICITY: None known

TERATOGENICITY: None known

MUTAGENICITY: None known

REPRODUCTIVE TOXICITY: None known

SYNERGISTIC PRODUCTS: None known

### SECTION 7-PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: Solvent Resistant RESPIRATOR: Full face piece respirator with an EYE: Safety Glasses  
Organic vapour cartridge/canister

FOOTWEAR: Solvent Resistant CLOTHING: Solvent Resistant OTHER: N/A

ENGINEERING CONTROL (SPECIFY, EG. VENTILATION ENCLOSED PROCESS): general ventilation may be acceptable to meet exposure limits.

LEAK AND SPILL PROCEDURE: EXTREMELY FLAMMABLE. ELIMINATE ALL SOURCES OF IGNITION. Restrict Persons not wearing protective equipment from area until cleanup is complete. Ventilate area of spill. Absorb liquids in vermiculite, dry sand, earth, or a similar material and deposit in sealed containers.

WASTE DISPOSAL: Dispose of in accordance with all Federal, Provincial and Local rules.

HANDLING PROCEDURES AND EQUIPMENT: Solvents used in this product are EXTREMELY FLAMMABLE. Store in a cool, dry area out of direct sunlight. Store away from all sources of ignition. Do not store above 49°C. Use only in well-ventilated areas.

STORAGE REQUIREMENTS: same as handling procedures.

SPECIAL SHIPPING INFORMATION: Label as 'Consumer Commodity.'

### SECTION 8-FIRST AID MEASURES

EYE: Treat eye promptly, flush with copious amounts of water for 15 min. Call a physician.

SKIN: Wash with soap and water for 15 min. Call a physician.

INHALATION: Remove to fresh air. Apply artificial respiration if necessary, call a physician.

INGESTION: DO NOT INDUCE VOMITING. IMMEDIATELY call a hospital or poison control centre. If victim is conscious and not convulsing, give 1 or 2 glasses of water to dilute the chemical. If the victim is convulsing or unconscious DO NOT give anything by mouth, ensure that the victim's airway is open and lay victim on his/her side with the head lower than the body. Seek medical attention.

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PRODUCT IDENTIFICATION: CLEARLUBE

### SECTION 9-ADDITIONAL INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the Information required by the CPR.

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### SECTION 10-PREPARATION DATE OF MSDS

PREPARED BY: ENVIROSAFE TECHNICAL DEPT. PHONE NUMBER: 306-933-0505 DATE: February 1, 2016

WHILE THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE LISTED, ENVIRO-SAFE CANADA LTD. MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE HEREON.

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