

U.S. Packaging

OSTER KOOL LUBE

PRODUCT: Oster Kool Lube
#2112-02

INTERNAL ID: 2487
MSDS NO: USP / 144
REVISION: 4

DATE: April 23, 1990

NATIONAL PAINT AND COATINGS ASSOCIATION -
HAZARDOUS MATERIAL IDENTIFICATION SYSTEM:
HEALTH HAZARD: 2 - Moderate
FLAMMABILITY HAZARD: 3 - Serious
REACTIVITY HAZARD: 0 - Minimal
PERSONAL PROTECTION: B - Glasses, Gloves

UNUSUAL FIRE OR EXPLOSION HAZARDS: Vapors are heavier than air and may collect in low areas. Cans will rupture from internal pressure at approximately 190 deg. F and discharge contents.

SPECIAL FIRE-FIGHTING PROCEDURES: Wear positive pressure, self-contained breathing apparatus when fighting fires involving this product. Water spray may be used to cool fire-exposed containers preventing pressure build-up and explosion.

Flash Point information is for the non-propellant portion of the formula only.

SECTION I. MATERIAL IDENTIFICATION

TRADE/MATERIAL NAME: Oster Kool Lube #2112-02
DESCRIPTION: Lubricant
CHEMICAL NAME: Chlorinated hydrocarbon
Product manufactured by U.S. Packaging Corporation for Oster Corporation. Please direct all requests for Material Safety Data Sheet to Oster.

MANUFACTURERS: U.S. PACKAGING CORPORATION
440 DENNISTON COURT
WHEELING, ILLINOIS 60090
PHONE: 708-459-5030

OR
OSTER CORPORATION
PHONE: 615-668-4121

SECTION II. INGREDIENTS AND HAZARDS

Ingredient Name:	CAS Number:	Percent:	Exposure Limits:
1,1,1-trichloroethane*	71-55-6	64	PEL: 350 ppm; TLV: 350 ppm; STEL: 450 ppm
Propane-isobutane-N-butane	68476-86-8	35	TLV: 1000 ppm

SARA (TITLE III):
This product does not contain ingredients listed as extremely hazardous under Section 302. If stored in excess of the threshold quantity, this product should be reported under Section 311 and 312 as A(N):
- Fire Hazard Immediate (Acute) Health Hazard
- Sudden Release Hazard Delayed (Chronic) Health Hazard
* The indicated substances are subject to the reporting requirements of section 313.

SECTION III. PHYSICAL DATA

APPEARANCE & ODOR: Colorless liquid - baby powder
BOILING POINT: 165-181 deg. F
VAPOR PRESSURE: 100 MMHG
WATER SOLUBILITY (%): Negligible
VAPOR DENSITY (air=1): 1
SPECIFIC GRAVITY (H2O=1): 1.30
% VOLATILE BY VOLUME: 99
This product is an aerosol form. Information provided does not apply to the propellant portion (68476-86-8) of the formula.

SECTION IV. FIRE AND EXPLOSION DATA

FLASH POINT (method): None
LIMITS:
LEL %: Not established
UEL %: Not established
NFPA FLAMMABLE/COMBUSTIBLE LIQUID CLASSIFICATION: IIIB
NFPA FIRE HAZARD SYMBOL CODES:
FLAMMABILITY: 1
HEALTH: 3
REACTIVITY: 0
SPECIAL:
EXTINGUISHING MEDIA: Water fog

SECTION V. REACTIVITY DATA

Material IS stable
Hazardous polymerization CANNOT occur
CHEMICAL INCOMPATIBILITIES: Strong oxidizing agents
CONDITIONS TO AVOID: High temperatures
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, hydrogen chloride vapors, and small amounts of phosgene.

SECTION VI. HEALTH HAZARD INFORMATION

This product IS NOT considered a carcinogen by OSHA, NTP, IARC.
SUMMARY OF RISKS: Contact with eyes causes severe irritation. Prolonged contact with skin may cause irritation. Excessive inhalation of vapors can cause respiratory irritation.
MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY CONTACT: Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure to this product.
TARGET ORGANS: Liver, kidney, CNS, and lungs
PRIMARY ENTRY ROUTE(S): Inhalation, skin contact
ACUTE EFFECTS: Contact with eyes may cause pain, and slight transient irritation. Prolonged or repeated contact with skin may cause irritation. Inhalation of vapors at a level of 200 ppm can cause dizziness, with nausea and unconsciousness possible at progressively higher levels.
CHRONIC EFFECT(S): Overexposure to the ingredients of this product has been suggested as a cause of anesthetic/narcotic effects, central nervous system effects and liver or kidney abnormalities. Aspiration into lungs due to vomiting can cause chemical pneumonitis which can be fatal. (See Comments)
SIGNS & SYMPTOMS OF OVEREXPOSURE:
EYE CONTACT: Redness, tearing, blurred vision.
SKIN CONTACT: Redness, dry skin.
INHALATION: Dizziness, headache, nausea, unconsciousness and asphyxiation are possible.
INGESTION: Nausea, vomiting, cramps

FIRST AID:
EYE CONTACT: Flush with clear water for 15 minutes, lifting eyelids occasionally. Get medical attention.
SKIN CONTACT: Wash with soap and water. If irritation develops, see a physician.
INHALATION: Remove to fresh air. Restore normal breathing. Get medical attention.
INGESTION: Call a physician or local poison control center immediately for instructions.
Aspiration of material into lungs due to vomiting can cause chemical pneumonitis which can be fatal.

SECTION VII. SPILL, LEAK AND DISPOSAL PROCEDURES

SPILL/LEAK PROCEDURES:
SMALL SPILL - Contain and collect product with inert absorbent.
LARGE SPILL - Ventilate area. Persons not involved in the clean-up, and not wearing protective equipment, should be evacuated. Contain and collect product with inert absorbent. Place in closed containers for disposal. Keep product from entering water supply.
WASTE MANAGEMENT/DISPOSAL: Dispose of in accordance with all local, state, and federal regulations.

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SECTION VIII. SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE EQUIPMENT:

GOGGLES: Chemical splash goggles

GLOVES: Nitrile rubber

RESPIRATOR: Air-supplied mask in confined area or in emergency situations.

WORKPLACE CONSIDERATIONS:

VENTILATION: Provide sufficient mechanical (general and/or local) ventilation to maintain exposure below TLV.

SAFETY STATIONS: Eye wash stations.

CONTAMINATED EQUIPMENT: Launder before re-use.

Personal protective equipment suggestions pertain mainly to emergency situations involving a large quantity of product. Eye protection and clothing to prevent prolonged skin contact is sufficient under conditions of normal use.

SECTION IX. SPECIAL PRECAUTIONS

SPECIAL HANDLING/STORAGE: Avoid breathing vapors. Vapors are heavier than air and will collect in low areas. Do not enter these areas without proper respiratory protection.

OTHER PRECAUTIONS: Aluminum is not an acceptable material for storage vessels.

PREPARED/REVISED BY: P.A. Zoubek

DATE: July 27, 1992

APPROVED BY: Paul A. Zoubek

REPRESENTING: U.S. Packaging Corporation

DATE: 4/12/94

COMPAS Code: 16970020