

SECTION 1 - MANUFACTURER INFORMATION

BANE-CLENE CORPORATION EMERGENCY PHONE: (317)546-5448
3940 N. Keystone Ave.
Indianapolis, IN 46205 PREPARER/CONTACT: Donald W. Terry, Sr.
PREPARATION DATE: 6/25/94 **REVISION DATE:** 2/25/02

PRODUCT NAME: VACUUM GEAR LUBE (Lubricant for vacuum pumps)

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	TLV-ACGIH
Mineral Oil, Petroleum Oil	64742-62-7		8 hr TWA/PEL > 80%	
	64741-88-4		5.0 mg/m ³	

SECTION 3 - PHYSICAL & CHEMICAL DATA

BOILING POINT: >550^oF. **SPECIFIC GRAVITY:**(H₂O=1) 0.85-0.95
PERCENT VOLATILE: <0.5%
VAPOR PRESSURE (mmHg): <1 **VAPOR DENSITY(Air=1):** >1
SOLUBILITY IN WATER: <0.5%
APPEARANCE & ODOR: Light-medium amber low-medium viscosity liquid with mild petroleum type odor.
pH: N/A (oil)

SECTION 4 - FIRE & EXPLOSION DATA

FLASH POINT: 375 ^oF. **Method Used:** T.O.C. **FLAMMABLE LIMITS:**LEL=Unknown UEL=Unknown
AUTO-IGNITION TEMP: 500 ^oF estimated
EXTINGUISHER MEDIA: Carbon dioxide, Dry chemical, Foam.
SPECIAL FIREFIGHTING PROCEDURES: Treat as oil fire. Cool exposed containers with water spray if possible. Use impervious clothing and self-contained positive pressure breathing apparatus with full face cover. Avoid breathing fumes.
UNUSUAL FIRE & EXPLOSION HAZARDS: Containers, even when empty, may if sufficiently heated ignit explosively. Do not store empty containers near heat or open flame.

SECTION 5 - PHYSICAL HAZARD DATA

STABILITY: Stable
CONDITIONS TO AVOID: Heat, sparks, open flame, and fire.
INCOMPATIBILITY: Strong oxidants.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, sulfur, other asphyxants, toxic gases.
WILL HAZARDOUS POLYMERIZATION OCCUR? No

PRODUCT: VACUUM GEAR LUBE

SECTION 6 - HEALTH HAZARD DATA

ACUTE: Prolonged inhalation of mist or fumes in high concentration may lead to nausea, headache, dizziness. May cause eye, skin irritation, dependent upon degree of contact.

CHRONIC: Prolonged or repeated contact may cause dermatitis, systemic sensitization to petroleum products.

SIGNS & SYMPTOMS OF EXPOSURE: Dermatitis.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: As expected from above: skin condition, hypersensitization to petroleum products, pulmonary conditions.

LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN (NTP, IARC, or OSHA)?: No

EMERGENCY & FIRST AID PROCEDURES:

INHALATION: remove to fresh air, administer oxygen if necessary, see physician.

EYES: If irritation persists after thorough use of eye wash, see physician.

SKIN: Wash thoroughly with soap and water. Do not wear contaminated clothing. If absorbed, LD₅₀ in rats greater than 2 g/kg.

INGESTION: Small amounts in mouth can be rinsed. For large amounts swallowed, do not induce vomiting – see physician.

SECTION 7 - SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep containers closed when not in use. Do not handle or store near heat or flames. Do not reuse empty containers without commercial cleaning or reconditioning.

OTHER PRECAUTIONS: Wash thoroughly after handling. See previous section.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spill. Absorbent material (clay, etc.). Remove possible ignition sources and maximize ventilation. Do not flush to sewer. Notify EPA, local authorities where applicable.

WASTE DISPOSAL METHODS: In accordance with federal, state, and local regulations. Contact licensed disposal facility in absence of familiarity with regs.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

RESPIRATORY PROTECTION: Normally not required. If significant misting, NIOSHA/MSHA jointly approved respirator.

VENTILATION:

Sufficient to maintain below PEL.

EYE PROTECTION: Splash proof goggles, face shield

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: As needed to prevent prolonged or repeated contact. Launder contaminated clothing prior to reuse.

WORK/HYGIENIC PRACTICES: Wash hands with soap and water after using product.

ADDITIONAL COMMENTS:

To the best of our knowledge, the information contained herein is accurate. However, Bane-Clene Corporation assumes no liability for the accuracy or completeness of the information. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards may be described herein, we cannot guarantee that these are the only hazards which exist. Information herein is given in good faith, but no warranty, expressed or implied, is made.