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**MATERIAL SAFETY DATA SHEET** PDF Version of MSDS  
**Break-N-Lube**

**I - PRODUCT IDENTIFICATION**

**Company Name:** Nu-Calgon Wholesaler, Inc. **Tel No:** (314) 469-7000, (800) 554-5499  
**Address:** 2008 Altom Court, St. Louis, MO 63146-4151 **CHEMTREC:** (800) 424-9300  
**Product Name:** Break-N-Lube **Product Number:** 4128  
**Synonyms:** Aerosol Lubricant

**II - HAZARDOUS INGREDIENTS OF MIXTURES**

<b>MATERIAL</b>	<b>CAS#</b>	<b>% By Wt</b>	<b>TLV</b>	<b>PEL</b>
Petroleum Distillate (Hydrotrated)	64742-47-8		5mg/m3 (mist)	5mg/m3 (mist)
	64742-53-6		5mg/m3	5mg/m3
Petroleum Oil	64742-88-7		(mist)	(mist)
	124-38-9		100	100
Petroleum Distillate			5000	5000
Carbon Dioxide				

All ingredients are TSCA listed.

**III - PHYSICAL DATA**

**Vapor Pressure:** PSIG @ 70°F (Aerosols): 70-90 **Vapor Density (Air=1) 60-90°F:** >1  
**Evaporation Rate:** (water =1): greater than 1 **VOC Content (% by wt.):**  
**Solubility in H<sub>2</sub>O:** Negligible **pH @ Solution:**  
**Freezing Point °F:** **pH as Distributed:**  
**Boiling Point °F:** N/A **Appearance:** Opaque, tan liquid  
**Specific Gravity H<sub>2</sub>O=1 @25°C: (H<sub>2</sub>O=1):** **Odor:** Solvent  
 Concentrate only 0.81

**IV - FIRE AND EXPLOSION**

**Flash Point F:** (non-aerosols): (liquid concentrate only): greater than 170°F **Flammable Limits:** LEL: N/EUEL: N/E  
**Extinguishing Media:** Foam, dry chemical, carbon dioxide.  
**Special Fire Fighting Procedures:** Self-contained breathing apparatus.  
**Unusual Fire and Explosion Hazards:** Do not expose aerosols to temperatures above 130°F or the container may rupture.

**V - REACTIVITY DATA**

**Stability - Conditions to avoid:** Stable. Avoid open flame, welding arcs, heat, sparks.  
**Incompatibility:** (Mat. to avoid): Strong oxidizing agents.  
**Hazardous Decomposition Products:** Carbon Dioxide, carbon monoxide trace oxides of sulfur in addition to unknown organic compounds.  
**Conditions Contributing to Hazardous Polymerizations:** Will not occur.

**VI - HEALTH HAZARD DATA**

**EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects),**  
**A. ACUTE (Primary Route of Exposure) INHALATION-INGESTION & SKIN ABSORPTION.**

Excessive inhalation of mists or vapors can cause nasal & respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation. Eye irritant. Skin irritant due to defatting of skin. Possible chemical pneumonitis if aspirated into lungs.

**B. SUBCHRONIC, CHRONIC, OTHER:** (Effects due to excessive exposure to the raw materials of this mixture) May cause cardiac abnormality, liver abnormalities, lung and kidney damage.

**C. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** May aggravate existing eye, skin, or upper respiratory conditions.

#### VII - EMERGENCY AND FIRST AID PROCEDURES

**INHALATION:** Move to fresh air. Resuscitate if necessary. Get medical attention.

**EYES:** Flush with water for 15 minutes. If irritated, seek medical attention.

**SKIN:** Wash with soap and water. If irritated, seek medical attention.

**INGESTION:** DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

#### VIII - SPILL OR LEAK PROCEDURE

**Spill Management:** Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER.

**Waste Disposal Methods:** Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

#### IX - PROTECTION INFORMATION/CONTROL MEASURES

**Respiratory:** If vapor concentration exceeds TLV, use respirator approved by NIOSH approved for organic vapor.

**Eye Protection:** Safety glasses recommended. **Glove:** Neoprene, nitrile or other solvent resistant gloves.

**Other Clothing and Equipment:** None. **HYGIENIC WORK PRACTICES:** Wash with soap and water before handling food.

**Ventilation:** Adequate ventilation to keep vapor concentration below TLV.

#### X - SPECIAL PRECAUTIONS

**Precautions to be taken in Handling and Storing:** Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

**Additional Information:** KEEP OUT OF REACH OF CHILDREN. Avoid food contamination.

#### NFPA HMIS RATING

Health Hazard.....: 2 Health Hazard.....: 2

Fire Hazard.....: 3 Fire Hazard.....: 3

Reactivity.....: 0 Reactivity.....: 0

Specific Hazard...: Personal Protection...: X (Sec. 9)

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