



MATERIAL SAFETY DATA SHEET

Aerosol Penetrating Lubricant

I - PRODUCT IDENTIFICATION

Company Name: Nu-Calgon Wholesaler, Inc.
Address: 2008 Altom Court, St. Louis, MO 63146-4151
Product Name: Aerosol Penetrating Lubricant
Synonyms: Aerosol Lubricant

Tel No: (314) 469-7000, (800) 554-5499
CHEMTREC: (800) 424-9300
Product Number: 4085

II - HAZARDOUS INGREDIENTS OF MIXTURES

<u>MATERIAL</u>	<u>CAS#</u>	<u>% By Wt</u>	<u>TLV</u>	<u>PEL</u>
# 2-butoxyethanol	111-76-2	<60	25 ppm	25 ppm
Isobutane/propane blend	75-28-5	<5	800 ppm	800 ppm
	74-98-6	<15	1000 ppm	1000 ppm
Aliphatic Petroleum Distillate	64742-96-7	<15	100 ppm	100 ppm
Petroleum Distillate	64742-52-5		5mg/M3	5mg/M3

Ingredient subject to reporting under Section 313 of Title III (SARA) and CRF 372.
All ingredients are TSCA listed.

III - PHYSICAL DATA

Vapor Pressure: 50-60 psig @20°C
Evaporation Rate: (BuAc=1) Faster
Solubility in H₂O: negligible
Freezing Point °F: N/AV
Boiling Point °F: Propellant -43.7
Specific Gravity H₂O=1 @25° C: 1.08

Vapor Density (Air=1) 60-90° F: >1
VOC Content (% by wt.): N/AV
pH @ Solution: N/AV
pH as Distributed: N/AV
Appearance: pale yellow liquid
Odor: Hydrocarbon odor

IV - FIRE AND EXPLOSION

Flash Point F: Propellant <20°F (TCC) **Flammable Limits:** LEL: 1.8 UEL: 25

Extinguishing Media: CO₂, dry chemical, foam.

Special Fire Fighting Procedures: Water may be ineffective. Water may be used to keep fire exposed containers cool.

Unusual Fire and Explosion Hazards: Do not spray near open flame. Keep at room temperature as exposure to direct sunlight or other heat may cause bursting.

V - REACTIVITY DATA

Stability - Conditions to avoid: Do not store above 120°F.

Incompatibility: Strong oxidizers, aluminum.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

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) EYES-SKIN-INHALATION & INGESTION: In a confined area, vapors in high concentration are anesthetic. Irritant to eyes, skin and upper respiratory system. Overexposure may result in light-headedness, staggering gait, giddiness and possible nausea. Contains petroleum distillates. Harmful or fatal if swallowed.

B. SUBCHRONIC, CHRONIC, OTHER: Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage, also kidney and liver damage.

C. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

VII - EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove patient to fresh air.

EYES: Flush with water for at least 15 minutes.

SKIN: Wash with soap and water.

INGESTION: Call a physician immediately. Do NOT induce vomiting.

VIII - SPILL OR LEAK PROCEDURE

Spill Management: Remove all sources of ignition. Ventilate, avoid breathing vapors and remove with inert absorbent.

Waste Disposal Methods: Do not incinerate. Recap container and discard in accordance with federal, state and local regulations.

IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: Avoid breathing vapor or spray mist.

Eye Protection: Safety glasses with sideshield. **Glove:** Solvent resistant gloves recommended.

Other Clothing and Equipment: None.

Ventilation: Local exhaust is recommended.

X - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing : Do not store above 120°F. Keep at room temperature as exposure to direct sunlight or heat may cause bursting.

Additional Information: Keep away from children. Do not puncture or incinerate. Do not spray near fire or open flame. Deliberate concentration and inhalation of vapors may be harmful or fatal.

NFPA

Health Hazard: 1

Fire Hazard: 2

Reactivity: 0

Specific Hazard ...:

HMIS RATING

Health Hazard: 1

Fire Hazard: 2

Reactivity: 0

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

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