



# MATERIAL SAFETY DATA SHEET

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Company Name</b> Nu-Calgon Wholesaler, Inc.	<b>Phone Number</b> (314) 469-7000 / (800) 554-5499	<b>CHEMTREC</b> (800) 424-9300		
<b>Street Address</b> 2008 Altom Court	<b>City</b> St. Louis	<b>State</b> MO	<b>Postal Code</b> 63146-4151	<b>Last Update</b> 12/27/2006
<b>Product Name</b> Break-N-Lube	<b>Product Number</b> 4128	<b>Product Use</b> Penetrating lubricant		<b>EPA Registration #</b> N/A

## SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

<b>Hazardous Ingredients</b>	<b>% By Wt.</b>	<b>CAS Number</b>	<b>TLV</b>	<b>PEL</b>
Hydrotreated Light Petroleum Distillates	75 - 85	64742-47-8	5 mg/m3 (mist)	5 mg/m3 (mist)
Petroleum distillates, hydrotreated light naphthenic	5 - 10	64742-53-6	5 mg/m3 (mist)	5 mg/m3 (mist)
Solvent naphtha (petroleum), medium aliphatic	5 - 10	64742-88-7	100 ppm	100 ppm
Carbon dioxide	< 5.0	124-38-9	5000 ppm	5000 ppm

## SECTION 3 – HAZARD IDENTIFICATION

**Emergency Overview:** DANGER: Extremely flammable. Harmful or fatal if swallowed. Harmful by inhalation. Irritating to eyes and skin. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 122°F (50°C). KEEP OUT OF REACH OF CHILDREN

### **Potential Health Effects**

**Eyes:** Contact with eyes may cause irritation.

**Skin:** Irritating to skin. Prolonged skin contact may defat the skin and produce dermatitis.

**Ingestion:** Aspiration may cause pulmonary oedema and pneumonitis.

**Inhalation:** Inhalation of high vapour concentrations may cause nasal & respiratory irritation and symptoms like headache, dizziness, tiredness, nausea, vomiting and possible unconsciousness.

**Chronic Exposure:** Prolonged exposure may cause chronic effects such as, cardiac irregularities, Lung damage or liver and kidney injuries may occur

**Carcinogenicity:** None known

**Medical Conditions Aggravated by Exposure:** May aggravate existing eye, skin, or upper respiratory conditions

## SECTION 4 – FIRST AID MEASURES

**Eyes:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists, consult a specialist

**Skin:** Wash off with soap and water. If skin irritation persists, call a physician

**Ingestion:** DO NOT INDUCE VOMITING. Clean mouth with water and afterwards drink plenty of water. Call a physician or Poison Control Centre immediately

**Inhalation:** Move to fresh air. If not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth. Obtain medical attention

## SECTION 5 – FIREFIGHTING MEASURES

**Flash Point:** >170(76.67 °C) for concentrate°F

**Autoignition Temp:** No Data.°C/No Data.°F

**Hazardous Products of Combustion:** Carbon oxides , Sulphur oxides and Unidentified organic compounds

**Flammable Limits in Air:** No Data.

**Extinguishing Media:** Foamy spray. Dry chemical. Carbon dioxide (CO2).

**Fire and Explosion Hazards:** Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 122°F (50°C)

**Special Firefighting Procedures:** Water mist may be used to cool closed containers. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Spill or Leak:** Prevent product from entering drains. Should not be released into the environment. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container .

## SECTION 7 – HANDLING AND STORAGE

**Handling Procedures and Equipment:** Wear personal protective equipment. Do not pierce or burn, even after use. Do not spray on naked flame or any incandescent material.

**Storage Requirements:** KEEP OUT OF REACH OF CHILDREN. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 122°F (50°C).

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory Protection:** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

**Eye Protection:** Safety glasses with side-shields

**Protective Clothing:** Neoprene gloves, nitrile rubber or solvent-resistant gloves

**Exposure Guidelines:** See section 2

**Specific Engineering Controls (such as ventilation, enclosed process):** Ensure adequate ventilation, especially in confined areas Remove all sources of ignition

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical Form:</b> Aerosol	<b>Freezing Point:</b> No Data.°C/No Data.°F	<b>% Volatile by Weight:</b> 3.7%
<b>Color:</b> tan	<b>Vapor Density [air =1]:</b> greater than 1.	<b>Evaporation Rate:</b> >1.0 ( water = 1)
<b>Odor:</b> Solvent	<b>Vapor Pressure:</b> Not Applicable.	<b>Specific Gravity:</b> 0.81
<b>Boiling Point:</b> No Data.°C/No Data.°F	<b>Solubility in Water:</b> negligible.	<b>pH (concentrate):</b> No Data.

## SECTION 10 – STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions

**Hazardous Polymerization:** Hazardous polymerization does not occur

**Incompatibilities:** Strong oxidizing agents

**Reactive Conditions to avoid:** Heat, flames and sparks. Extremes of temperature and direct sunlight. Do not expose to temperatures above 54°C .

**Decomposition Products:** Carbon oxides , Sulphur oxides and Unidentified organic compounds

## SECTION 11 – TOXICOLOGICAL INFORMATION

<b>Hazardous Ingredients</b>	<b>CAS #</b>	<b>EINECS #</b>	<b>LD 50 of Ingredient (Specify Species)</b>	<b>LC50 of Ingredient (Specify Species)</b>
Hydrotreated Light Petroleum Distillates	64742-47-8	N/A	N/A	N/A
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	N/A	N/A	N/A
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	N/A	N/A	N/A
Carbon dioxide	124-38-9	N/A	N/A	N/A

## SECTION 12 – ECOLOGICAL INFORMATION

<b>Hazardous Ingredients</b>	<b>Aquatic Toxicity Data</b>
Hydrotreated Light Petroleum Distillates	N/A
Petroleum distillates, hydrotreated light naphthenic	N/A
Solvent naphtha (petroleum), medium aliphatic	N/A
Carbon dioxide	N/A

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste Disposal:** Should not be released into the environment. Dispose of in accordance with local regulations. Empty containers should be taken for local recycling, recovery or waste disposal.

**SECTION 14 – TRANSPORTATION INFORMATION**

Special Shipping Information: No Data.

<u>Purview</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
<b>DOT</b> (Land)	Consumer Commodity ORM-D	No Data.	No Data.	No Data.
<b>IMO</b> (Water)	N/A	No Data.	No Data.	No Data.
<b>ICAO</b> (Air)	Aerosol, Flammable, 2.1	UN1950	N/A	2.1UN1950

**SECTION 15 – REGULATORY INFORMATION**

<b>WHMIS Classification:</b> (Workplace Hazardous Material Information System)	N/A
<b>SARA Title III:</b> (Superfund Amendments & Reauthorization Act)	None
<b>OSHA:</b> (Occupational Safety & Health Administration)	See section 2
<b>TSCA:</b> (Toxic Substance Control Act)	Present
<b>VOC:</b> (volatile Organic Compounds)	3.7%
<b>CPR:</b> (Canadian Controlled Products Regulations)	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations.
<b>EINECS:</b> (European Inventory of Existing Commercial Chemical Substances)	No Data.
<b>DSL / NDSL:</b> (Canadian Domestic Substance List)(Non-Domestic Substance List)	Present
<b>CERCLA:</b> (Comprehensive Response Compensation & Liability Act)	No
<b>IDL:</b> (Canadian Ingredient Disclosure List)	No Data.
<b>NFPA (HMIS) Rating:</b> (Hazardous Materials Identification System)	Health=2; Fire=3; Reactivity=0 Personal protective equipment = B

**SECTION 16 – OTHER INFORMATION**

No Data.

The information contained herein is based on the data available to us and is believed to be correct. However, Nu-Calgon Wholesaler Inc. makes no warranty, expressed, or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Nu-Calgon Wholesaler Inc. assumes no liability for injury from the use of the product described herein.