



# 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> 1/13/10
<b>Product Name</b> Aerosol V-Belt Dressing	<b>Product Number</b> 4086-03	<b>Product Use</b> Belt dressing		<b>EPA Registration #</b> N/A

## SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>% By Wt.</u>	<u>CAS Number</u>	<u>TLV</u>	<u>PEL</u>
Heptane	40 - 50	142-82-5	400 ppm	500 ppm
Propane	10 - 15	74-98-6	1000 ppm	1000 ppm
Isobutane	10 - 15	75-28-5	800 ppm	800 ppm
Stoddard solvent	10 - 15	8052-41-3	100 ppm	100 ppm
Polybutene	10 - 15	9003-29-6	N/E	N/E

## SECTION 3 – HAZARD IDENTIFICATION

**Emergency Overview:** DANGER: Extremely flammable. May be harmful or fatal if swallowed. Ensure adequate ventilation. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 122°F (50°C). Keep away from open flames, hot surfaces and sources of ignition.  
KEEP OUT OF REACH OF CHILDREN

### Potential Health Effects

**Eyes:** Mild eye irritation

**Skin:** May cause skin irritation and/or dermatitis.

**Ingestion:** Aspiration may cause pulmonary oedema and pneumonitis. May be harmful or fatal if swallowed.

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

**Chronic Exposure:** Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.

**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. Never give anything by mouth to an unconscious person. 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:** No Data. °F

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

**Hazardous Products of Combustion:** Carbon oxides

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

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

**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.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Spill or Leak:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Dispose of in accordance with local regulations.

## SECTION 7 – HANDLING AND STORAGE

**Handling Procedures and Equipment:** Ensure adequate ventilation, especially in confined areas. Avoid contact with skin and eyes. 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

**Exposure Guidelines:** See section 2

**Specific Engineering Controls (such as ventilation, enclosed process):** Ensure adequate ventilation, especially in confined areas

## 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> 88.8; per US EPA Definition%
<b>Color:</b> Yellow	<b>Vapor Density [air =1]:</b> No Data.	<b>Evaporation Rate:</b> No Data.
<b>Odor:</b> Solvent	<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): Max. 50.	<b>Specific Gravity:</b> 0.74 (Concentrate only)
<b>Boiling Point:</b> No Data. °C/No Data. °F	<b>Solubility in Water:</b> Insoluble.	<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, alkalis, Amines, Potassium, Sodium and Magnesium

**Reactive Conditions to avoid:** Heat, flames and sparks. Extremes of temperature

**Decomposition Products:** Carbon oxides

## SECTION 11 – TOXICOLOGICAL INFORMATION

<u>Hazardous Ingredients</u>	<u>CAS #</u>	<u>EINECS #</u>	<u>LD 50 of Ingredient</u> (Specify Species)	<u>LC50 of Ingredient</u> (Specify Species)
Heptane	142-82-5	No Data.	No Data.	Inhalation LC50 Rat: 103 g/m3/4H
Propane	74-98-6	No Data.	No Data.	No Data.
Isobutane	75-28-5	No Data.	No Data.	Inhalation LC50 Rat: 57 pph/15M
Stoddard solvent	8052-41-3	No Data.	No Data.	No Data.
Polybutene	9003-29-6	No Data.	No Data.	No Data.

## SECTION 12 – ECOLOGICAL INFORMATION

<u>Hazardous Ingredients</u>	<u>Aquatic Toxicity Data</u>
Heptane	24 Hr LC50 goldfish: 4.0 mg/L; 24 Hr LC50 mosquito fish: 4900 mg/L; 96 Hr LC50 cichlid fish: 375.0 mg/L
Propane	No Data.
Isobutane	No Data.
Stoddard solvent	No Data.
Polybutene	No Data.

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste Disposal:** Should not be released into the environment. Dispose of in accordance with local regulations.

## 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)	No Data.	No Data.	No Data.	No Data.
<b>ICAO</b> (Air)	Aerosol, Flammable	UN1950	No Data.	2.1

## SECTION 15 – REGULATORY INFORMATION

<b>WHMIS Classification:</b> (Workplace Hazardous Material Information System)	A, B1, B2, D2B
<b>SARA Title III:</b> (Superfund Amendments & Reauthorization Act)	No
<b>OSHA:</b> (Occupational Safety & Health Administration)	See Section 2
<b>TSCA:</b> (Toxic Substance Control Act)	Present
<b>VOC:</b> (volatile Organic Compounds)	88.8%
<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 Data.
<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.