

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Manufacturer's Name (NAFTA Region) MAGNA CHEMICAL CANADA INC.	Last Issue Date Mar. 15, 2005
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Product Description: V.C.I Grease	Trade Name: Vappro 869

SECTION II - COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient Name:</u>	<u>Weight %:</u>	<u>TLV:</u>	<u>CAS#</u>
Refined Mineral Oil	<40	TWA 5mg/m ³ as an oil mist.	N.A

SECTION III - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW : PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DERMATITIS.

CARCINOGENICITY : NTP: No IARC: No OSHA: No

POTENTIAL HEALTH EFFECTS

EYE : May cause eye irritation.

SKIN : Prolonged or repeated contact may cause skin irritation.

INGESTION : Expected to have slight acute toxicity by ingestion. Ingestion of this product and subsequent vomiting can result in aspiration of the liquid into the lungs, causing chemical pneumonia and lung damage. Ingestion may cause irritation of the digestive tract, which may result in nausea, vomiting and diarrhea.

INHALATION : No significant adverse health effects are expected to occur in short term exposure.

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SECTION IV – FIRST AID MEASURES

Ingestion	:	DO NOT INDUCE VOMITTING. Get immediate medical attention.
Eye	:	Immediately flush with plenty of water for at least 15 minutes. Make sure to flush under eyelids. Consult a physician for definitive treatment.
Skin	:	Remove contaminated clothing. Wash affected area thoroughly with soap and water. Consult a physician if irritation persists.
Inhalation	:	Remove person to an uncontaminated area. Administer oxygen if necessary. If breathing has stopped, administer CPR.

SECTION V – FIRE FIGHTING MEASURES

Flash Point	:	205°C
Flammable Limits (% by volume)	:	LEL – N.A, UEL – N.A
Autoignition Temperature	:	N.A
Extinguishing Media	:	CO ₂ , dry chemical and foam.
Hazardous combustion products	:	Carbon dioxide, Carbon monoxide and smoke.
Explosion Hazards	:	Firemen should wear self-contained breathing apparatus and protective clothing when fighting chemical fires.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Eliminate all ignition sources. Ventilate area. Avoid breathing vapors and eye or skin contact. Contain spill, pick up for recycling or disposal. Residual liquid can be absorb with suitable chemical absorbent and rinse affected area with water.

SECTION VII – HANDLING AND STORAGE

Keep away from heat, sparks and flame. Handle and store in well-ventilated area and keep containers closed when not in use. Do not get in eyes, on skin, on clothing. Do not swallow. Wash thoroughly after handling. Empty containers retain material residue. Do not cut, weld, braze, solder or expose container to other ignition sources.

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SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

- Skin Protection** : Avoid contact with skin or clothing. Skin contact can be minimized by wearing impervious protective clothing including gloves. Protective clothing made from neoprene or nitrile is suitable in these applications. Exposed employees should exercise reasonable personal cleanliness; this includes cleansing exposed skin several times daily with soap and water, and laundering or dry cleaning soiled work clothing at least weekly.
- Eye Protection** : Safety glasses with side shields are recommended when there is a possibility of splashing or spraying.
- Respiratory Protection** : Atmospheric levels should be maintained below the exposure guideline. when respiratory protection is required an appropriate NIOSH approved respiration for organic vapor should be worn.
- Engineering Control** : Under normal applications, general dilution ventilation is adequate. Use adequate ventilation to keep vapor concentrations of this product below occupational exposure and flammability limits, particularly in confined space.

SECTION IX – PHYSICAL PROPERTIES

Boiling Point	N.A
Color	Red
Specific Gravity	0.92±0.025
pH	7±0.5
Physical Form	Grease
Solubility (water)	Insoluble
Evaporation	Slow
Vapor Pressure	5 mm Hg

SECTION X – STABILITY & REACTIVITY

Stability	Stable
Hazard Polymerization	Will not occur
Conditions to avoid	Heat, sparks, flame, red hot metal, smoking and other ignition sources.
Incompatibilities	Strong Oxidizing materials
Decomposition Products	Oxides of carbon and smoke.

SECTION XI – TOXICOLOGICAL INFORMATION

	Acute Oral LD 50	Acute Dermal LD 50	Acute Inhalation LC 50
Aliphatic petroleum	>5 g/kg (Rats)	N/E	N/E

SECTION XII – ECOLOGICAL INFORMATION

Not Available.

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SECTION XIII – DISPOSAL

Dispose off in accordance with existing Federal, State and local environmental regulation.

SECTION XIV – TRANSPORT INFORMATION

Proper Shipping Name	N.A.
IMO Class	N.A.
Hazard Label (S)	N.A.
UN OR ID Number	N.A.
MPA Group	N.A.

SECTION XV – OTHER INFORMATION

H.M.I.S rating: Health - 1, Fire - 1, Reactivity - 0, Protection - B

Where

0 = Insignificant

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

A = Safety Glass

B = Safety Glass & Gloves

C = Safety Glass, Gloves & Apron

D = Face Shield, Glove & Apron

H.M.I.S: Hazardous Materials Identification System

CAS#: Chemical Abstracts Service Number

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

TWA8: The time weighted average concentration for a normal 8-hour workday and a 40-hour workweek, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

N.A: Not applicable

N/E: Not establish

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