

MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT AND MANUFACTURE'S 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 Oil Additive	Trade Name: Vapro 850

SECTION II – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient Name:</u>	<u>Weight %:</u>	<u>TLV:</u>	<u>CAS#</u>
Petroleum Distillate	>70	TWA 5mg/m ³ as oil mist	N.A

SECTION III – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: COMBUSTIBLE. HARMFUL OR FATAL IF SWALLOWED.

PRIMARY ROUTES OF EXPOSURE: eye skin oral inhalation other

POTENTIAL HEALTH EFFECTS

- EYE** : Liquid or vapor may cause redness, irritation and tearing.
- SKIN** : This product can cause mild, transient skin irritation with short-term exposure. Skin contact with hot material may result in severe burns.
- 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** : Excessive inhalation of vapors can cause irritation of the respiratory tract, nausea, dizziness or headache.

CARCINOGEN OR SUSPECT : NTP IARC OSHA NONE
CARCINOGEN INGREDIENTS

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SECTION IV – FIRST AID MEASURES

Ingestion	:	DO NOT INDUCE VOMITTING. Get immediate medical attention.
Eye flush	:	Immediately flush with plenty of water for at least 15 minutes. Make sure to 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 :		260°C (Cleveland Open Cup)
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:		This material can burn but will not readily ignite. This material will release vapors when heated above the flash point temperature that can ignite when exposed to a source of ignition. In enclosed spaces, heated vapor can ignite with explosive force. Mists or sprays may burn at temperatures below the flash point.
Protection of Fire Fighters:		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 if possible. Absorb with suitable chemical absorbent and rinse affected area with water.

SECTION VII – HANDLING AND STORAGE

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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.

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 made from neoprene, nitrile or PVC 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 : Guideline.	Atmospheric levels should be maintained below the exposure 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

Pour Point	<-45°C
Color	Amber
Odour	Mild
Specific Gravity	0.885±0.02
Physical Form	Liquid
Solubility (water)	Insoluble
Evaporation Rate(Butyl Acetate = 1)	<1

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
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			50
Petroleum Distillates	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	N/E

SECTION XII – ECOLOGICAL INFORMATION

This product has not been tested from environmental effects.

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; **N.D:**Not Determined

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