

MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT AND MANUFACTURE’S IDENTIFICATION

Manufacturer's Name (NAFTA Region) MAGNA CHEMICAL CANADA INC.	Last Issue Date January 15, 2019
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Product Description: Vapro V.C.I Powder	Trade Name: Vapro 848-HP

SECTION II – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient Name:</u>	<u>Weight %:</u>	<u>TLV</u>	<u>CAS#</u>
Proprietary mixture of corrosion inhibitors	>60	10 mg/m ³ as nuisance dust	N.A.

SECTION III – HAZARDS IDENTIFICATION

PRIMARY ROUTES OF EXPOSURE	<input checked="" type="checkbox"/> eye <input checked="" type="checkbox"/> skin <input type="checkbox"/> oral <input checked="" type="checkbox"/> inhalation <input type="checkbox"/> other
EYE	May cause eye irritation.
SKIN	May cause skin irritation and defatting on prolonged or excessive contact.
INGESTION	Harmful or fatal if swallowed.
INHALATION	May cause throat and lung irritation.
CARCINOGEN OR SUSPECT CARCINOGEN INGREDIENTS	<input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE

SECTION IV – FIRST AID MEASURES

INGESTION	Induce vomiting if feasible. Get immediate medical attention.
EYE	Immediately flush with plenty of water for at least 15 minutes. Make sure to flush under eyelids. Consult physician immediately.
SKIN	Wash affected area with water. If irritation persists, call physician.
INHALATION	Remove person to an uncontaminated area. Administer oxygen if necessary. If breathing has stopped, administer CPR.

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SECTION V – FIRE FIGHTING MEASURES

Flash Point	N.A.
Flammable Limits (% by volume)	Lower Explosive Limit: N.A. Upper Explosive Limit: N.A.
Ignition Temperature	N.A.
Extinguishing Media	Water Spray (Fog); CO ₂ ; Dry Chemical; or Foam may be used where product is stored.
Hazardous combustion products	Burning may produce oxide of carbons and other substances
Special firefighting Procedure	Firemen should wear self-contained breathing apparatus and protective clothing when fighting chemical fires.

SECTION VI – ACCIDENTAL RELEASE MEASURES

<p>Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8.</p> <p>Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Rinse effected area with water.</p>
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SECTION VII – HANDLING AND STORAGE

<p>Avoid eye and skin contact. Do not swallow. Store in dry, cool, well ventilated area away from incompatibles. Keep container closed when not in use. Wash thoroughly after handling material.</p>
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SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Gloves	Rubber/ PVC gloves.
Skin Protection	Workers should wash exposed skin several times daily with soap and water. Soiled work clothing should be laundry or dry - cleaned.
Eye Protection	Safety glasses with side shields are recommended.
Respiratory Protection	For conditions of use where exposure to the dust or mist is apparent, a half-face dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.
Engineering Control	Under normal applications, general ventilation is adequate.
Other Protective Equipment	Eye wash station, safety shower.

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SECTION IX – PHYSICAL PROPERTIES

Boiling Point	N.A.
Color	Tan White
Specific Gravity (H₂O = 1)	N.A.
Alkalinity (as NaOH)	8.5 – 9.5
Physical Form	Powder
Solubility in water	Partially soluble
Evaporation (water =1)	N.A.
Odor	Mild
Vapor pressure	0.038 mm Hg

SECTION X – STABILITY & REACTIVITY

Stability	Stable
Hazard Polymerization	Will not occur
Conditions to avoid	N.A.
Incompatibility Materials	Strong oxidizing materials, strong acids and alkalis.
Hazardous Decomposition products	Burning may produce oxide of carbons and other substances.

SECTION XI – TOXICOLOGICAL INFORMATION

	Acute Oral LD 50	Acute Dermal LD 50	Acute Inhalation LC 50
Proprietary mixture	N/E	N/E	N/E

SECTION XII – ECOLOGICAL INFORMATION

Not Available.

SECTION XIII – DISPOSAL

Dispose off in accordance with existing Federal, State and local environmental regulation.
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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 – 0, 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, Gloves & Apron

Replaces edition of: 10 March 2016

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 Determine

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