

SAFETY DATA SHEET**SECTION I - PRODUCT IDENTIFICATION**

Product Identifier: Vapro 841
Other means of identification: VCI Powder
Recommended use: VCI Corrosion Inhibitor for Hydrostatic Test Water
Manufacturer's Name: Magna Chemical Canada Inc.
Address: 1450 Government Road West, Kirkland Lake ON P2N 2E9
Phone: 705 642 3352 or 416 479 9151
Emergency only: Canutec 24hr Tel: 613 996 6666
Revision date: 15 January 2019

SECTION II – HAZARDS IDENTIFICATION**GHS CLASSIFICATION:**

Acute Toxicity, Oral: Category 4
 Skin Corrosion/irritation: Category 2
 Serious Eye damage/irritation: Category 2
GHS LABEL ELEMENTS SYMBOL(S)

**SIGNAL WORDS:**

Warning

GHS HAZARDS STATEMENTS:

H302: Harmful if swallowed
 H315: Causes skin irritation
 H319: Causes serious eye irritation

GHS PRECAUTIONARY STATEMENTS:**PREVENTION**

P264: Wash your hands and face thoroughly after handling.
 P270: Do not eat, drink or smoke when using this product.
 P280: Wear protective gloves/protective clothing/ eye protection/ face protection.

RESPONSE:

P301 + P312: IF SWALLOWED: Call a POISON CENTRE or doctor or physician if you feel unwell.
 P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P330: Rinse mouth.
 P332 + P313: If skin irritation occurs: Get medical advice/ attention.
 P337 + P313: If eye irritation persists: Get medical advice/attention.

SECTION III – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name:	Weight %:	CAS#
Proprietary mixture of Salts of carboxylate compound	100	N/E

SECTION IV – FIRST AID MEASURES**Inhalation**

Remove person to an uncontaminated area. Administer oxygen if necessary. If breathing has stopped, administer CPR.

Skin Contact

Remove contaminated clothing. Wash affected area with water. If irritation persists, call physician.

Eye Contact

Immediately flush with plenty of water for at least 15 minutes. Make sure to flush under eyelids. Consult physician immediately.

Ingestion

Induce vomiting if feasible. Get immediate medical attention.

SECTION V – FIRE FIGHTING MEASURES

Suitable Fire-extinguishing media

Foam (alcohol-resistant foam), powder, and carbon dioxide are effective fire-extinguishing agents.

Specific hazards arising from the chemical

Product is noncombustible. Water Spray (Fog); Dry Chemical; or Foam may be used where product is stored.

Special protective actions for fire fighters

Firemen should wear self-contained breathing apparatus and protective clothing when fighting chemical fires.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Avoid contact with spilled or released material. Immediately remove all contaminated clothing. For guidance of selection of personal protective equipments see Chapter 8 of this Safety Data Sheet.

Environmental Precautions

Prevent spills from entering drains or sewers and contact with soil.

Methods and materials for contaminated and cleaning up

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.

SECTION VII – HANDLING AND STORAGE

Precautions for safe handling

Do not swallow. Avoid eyes and skin contact. Wear recommended protective equipment. Use only with adequate ventilation. Wash thoroughly after handling material.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed when not in use. Store in dry, cool, well-ventilated area away from incompatibles.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

10 mg/m³ as nuisance dust

Appropriate engineering control measure

Under normal applications, general ventilation is adequate.

Individual protection measure

Protective Gloves

Neoprene/ PVC gloves.

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.

Hygienic Work Practices

Wash hand after use. Do not eat, drink or smoke in immediate area.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance Physical State	Powder
Color	White
Odour	Faint
Odour Threshold	Not available
pH	7-9 (5% conc. w/v)
Melting Point	>300°C (572°C)
Freezing Point	Not applicable
Boiling Point	Not applicable
Flash Point	Not applicable
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper explosive limit	Not applicable
Lower explosive limit	Not applicable
Vapour Pressure	Not established
Vapour Density	Not applicable
Relative Density	Not applicable
Solubility	55gm/100ml water @ 20°C
Partition coefficient: n-octanol/water	2.27
Viscosity	Not applicable
Auto-ignition Temperature	560°C (1040°F) (cloud)

SECTION X – STABILITY & REACTIVITY

Reactivity/Incompatible materials

React with strong acid and oxidizing materials.

Chemical stability

Stable under normal temperature and pressure.

Possible of hazardous reaction

Data not available.

Conditions to avoid

Heat, contact with incompatible materials, open flame.

Hazardous decomposition products

Burning may produce oxide of carbons and other substances.

SECTION XI – TOXICOLOGICAL INFORMATION

Acute Toxicity Estimate of mixture (ATE_{mix}): Oral (Rat) 1610 mg/kg

Irritation to skin: Cause skin irritation.

Irritation to eye: Cause eye irritation.

Respiratory or skin sensitisation: No sensitisation effects are known or expected.

Germ cell mutagenicity: No genotoxic effects are known or expected.

Carcinogenicity: No carcinogenicity effects are known or expected.

Reproductive toxicity: No reproductive/ developmental toxicity effects are known or expected.

Specific Target Organ Toxicity (STOT)-single exposure: No specific target organ toxicity effects are known or expected.

Specific Target Organ Toxicity (STOT)-repeated exposure: No specific target organ toxicity effects are known or expected.

Aspiration hazard: No aspiration hazard effects are known or expected.

SECTION XII – ECOLOGICAL INFORMATION

Eco-toxicity: There is no data available on the product itself.

Mobility: The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters. Avoid transfer into the environment.

Persistence and Degradability: There is no persistence or degradation data for any component of this product at this time.

Bio-accumulative Potential: Not expected to bio-accumulate.

SECTION XIII – DISPOSAL CONSIDERATIONS

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

SECTION XIV – TRANSPORT INFORMATION

	Land (ADR)	Sea (IMDG)	Air (IATA)
UN Number:	Not regulated	Not regulated	Not regulated
Class:	Not regulated	Not regulated	Not regulated
Subsidiary risk:	Not regulated	Not regulated	Not regulated
Packing Group:	Not regulated	Not regulated	Not regulated
Proper Shipping Name:	Not regulated	Not regulated	Not regulated

SECTION XV – REGULATORY INFORMATION

No information available for this product.

SECTION XVI – OTHER INFORMATION

H.M.I.S rating: Health - 2, Fire – 0, Reactivity – 1, 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

REL: recommended 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

C: Ceiling (The concentration that should not be exceeded during any part of the working exposure).

Disclaimer: This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Magna Chemical Canada Inc. The data on this sheet relates only to the specific material designated herein. Magna Chemical Canada Inc. assumes no legal responsibility for use or reliance upon these data. Magna Chemical Canada Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.