

# SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

|                                       |  |
|---------------------------------------|--|
| <b>Product Identifier:</b>            | Vapro 848  |
| <b>Other means of identification:</b> | VCI Powder   |
| <b>Recommended use:</b>               | Superior corrosion inhibitor for dry corrosion protection of ferrous metals and aluminum |
| <b>Manufacturer's Name:</b>           | Magna Chemical Canada Inc.   |
| <b>Address:</b>                       | 1450 Government Road West, Kirkland Lake ON P2N 2E9                                      |
| <b>Phone:</b>                         | 705 642 3352 or 416 479 9151   |
| <b>Emergency only:</b>                | Canutec 24hr Tel: 613 996 6666   |
| <b>Revision Date:</b>                 | 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

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation

### GHS PRECAUTIONARY STATEMENTS:

#### PREVENTION

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash your hands and face thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P272: Contaminated work clothing should not be allowed out of the workplace.

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.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Specific treatment (see on this label).

P330: Rinse mouth.

P332 + P313: If skin irritation occurs: Get medical advice/ attention.

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337 + P313: If eye irritation persists: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

P363: Wash contaminated clothing before reuse.

**SECTION III – COMPOSITION / INFORMATION ON INGREDIENTS**

| <b>Ingredient Name:</b>                              | <b>Weight %:</b> | <b>CAS#</b> |
|--|------------------|-------------|
| 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:****Proprietary Amine**

10 mg/m<sup>3</sup> 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 |                            |
|---|----------------------------|
| <b>Appearance Physical State</b>              | Powder                     |
| <b>Color</b>                                  | White                      |
| <b>Odour</b>                                  | Blend                      |
| <b>Odour Threshold</b>                        | Not applicable             |
| <b>pH</b>                                     | Not applicable             |
| <b>Melting Point</b>                          | Not applicable             |
| <b>Freezing Point</b>                         | Not applicable             |
| <b>Boiling Point</b>                          | Not applicable             |
| <b>Flash Point</b>                            | Not applicable             |
| <b>Evaporation Rate</b>                       | Not applicable             |
| <b>Flammability (solid, gas)</b>              | Not applicable             |
| <b>Upper explosive limit</b>                  | Not applicable             |
| <b>Lower explosive limit</b>                  | Not applicable             |
| <b>Vapour Pressure</b>                        | Not applicable             |
| <b>Vapour Density</b>                         | Not applicable             |
| <b>Relative Density</b>                       | Not applicable             |
| <b>Solubility</b>                             | Partially soluble in water |
| <b>Partition coefficient: n-octanol/water</b> | Not applicable             |
| <b>Viscosity</b>                              | Not applicable             |
| <b>Auto-ignition Temperature</b>              | Not applicable             |

## 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

**Eyes:** Contact with the eyes may give rise to irritation and stinging.

**Skin:** Exposure to the skin may give rise to irritation. Prolonged and persistent contact may lead to dermatitis through skin de-fatting.

**Inhalation:** Excessive exposure to mists caused by atomising systems may cause irritation to eyes and respiratory tract.

**Ingestion:** Swallowing of significant quantities may cause irritation of mouth and digestive tract, vomiting and diarrhoea.

Long-term toxicity: None of the components are listed as CMR\* (\*Carcinogenic, mutagenic or reproductive toxin).

## 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)    |
|------------------------------|---------------|---------------|---------------|
| <b>UN Number:</b>            | Not regulated | Not regulated | Not regulated |
| <b>Class:</b>                | Not regulated | Not regulated | Not regulated |
| <b>Subsidiary risk:</b>      | Not regulated | Not regulated | Not regulated |
| <b>Packing Group:</b>        | Not regulated | Not regulated | Not regulated |
| <b>Proper Shipping Name:</b> | 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).

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