

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

Product Identifier:	Vapro 843
Other means of identification:	Odourless VCI Powder for Hydrotesting
Recommended use:	Superior corrosion inhibitor for ferrous metals and aluminum
Supplier'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

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

Ingredient Name:	Weight %:	CAS#
Proprietary Mixture of amine compound	15-40	Mixture
Proprietary Mixture of Salts of carboxylic compound	10-30	Mixture
Sodium Silicate	20-35	Mixture
Calcium Carbonate	15-30	Mixture
Sodium Carbonate	10-20	Mixture

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/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	Blend
Odour Threshold	Not applicable
pH	Not applicable
Melting Point	Not applicable
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 applicable
Vapour Density	Not applicable
Relative Density	Not applicable
Solubility	Soluble in water
Partition coefficient: n-octanol/water	Not applicable
Viscosity	Not applicable
Auto-ignition Temperature	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

PRIMARY ROUTES OF EXPOSURE

☒eye ☒skin ☒oral ☐inhalation ☐other

Eyes: Classified as a serious eye irritant. Contact with the eyes may give rise to irritation and stinging. No permanent damage if treated immediately.

Skin: Classified as a skin irritant. 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)
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).

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