

## SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

<b>Product Identifier:</b>	Vapro 853-Emulsol
<b>Other means of identification:</b>	VCI water Emulsifiable Rust Preventative
<b>Recommended use:</b>	Emulsified VCI corrosion inhibitor for metal surface
<b>Supplier'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 24 hr. Tel: 613 996 6666
<b>Revision date:</b>	15 January 2019

## SECTION II – HAZARDS IDENTIFICATION

**GHS CLASSIFICATION:**

None required.

**GHS LABEL ELEMENTS SYMBOL(S)**

None required.

**SIGNAL WORDS:**

None required.

**GHS HAZARDS STATEMENTS:**

None required.

**GHS PRECAUTIONARY STATEMENTS:**

None required.

**RESPONSE:**

None required.

## SECTION II – COMPOSITION / INFORMATION ON INGREDIENTS

<u><b>Ingredient Name:</b></u>	<u><b>Weight %:</b></u>	<u><b>CAS#</b></u>
1) Distillates, petroleum, hydrotreated light naphthenic	0-90	64742-53-6
2) Distillates, petroleum, hydrotreated heavy naphthenic	0 - 90	64742-52-5
3) Distillates, petroleum, solvent-refined light paraffinic	0 - 80	64741-89-5
4) Distillates, petroleum, solvent-refined heavy paraffinic	0 - 20	64741-88-4
5) Proprietary Ingredients Proprietary Mixture	0 - 15	Proprietary mixture
6) Ethylene glycol monobutyl ether	0 - 1	111-76-2

## SECTION IV – FIRST AID MEASURES

**Inhalation**

Remove person to an uncontaminated area. Administer oxygen if necessary. If a cough or other respiratory symptoms develop, consult medical personnel. If breathing has stopped, administer CPR.

**Skin Contact**

Wash affected area with soap and water. If redness, itching or a burning sensation develops, get medical attention.

**Eye Contact**

Immediately flush with plenty of water for at least 15 minutes. Make sure to flush under eyelids. If redness, itching or a burning sensation develops, have eyes examined and treated by medical personnel.

**Ingestion**

Do not induce vomiting. 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

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.

### Methods and materials for contaminated and cleaning up

Contain spill if possible. Absorb with suitable chemical absorbent and rinse affected area with water.

## SECTION VII – HANDLING AND STORAGE

### Precautions for safe handling

Do not swallow. Avoid eyes and skin contact. Wear recommended protective equipment. 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

### Oil Mist, Mineral

ACGIH TLV (United States).

TWA: 5 mg/m<sup>3</sup> - 8 hour(s).

STEL: 10 mg/m<sup>3</sup> - 15 minute(s).

OSHA PEL (United States).

TWA: 5 mg/m<sup>3</sup> - 8 hour(s).

### Appropriate engineering control measure

Under normal applications, general ventilation is adequate.

### Individual protection measure

#### Protective Gloves

Neoprene or Nitrile gloves.

#### Eye Protection

Safety glasses with side shields are recommended when there is a possibility of splashing or spraying.

#### Respiratory Protection

Not required under normal use conditions with good general ventilation. Protect against generated mist/ spray back.

#### Hygienic Work Practices

Eyewash station and safety shower in work area.

## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance Physical State</b>	Liquid
<b>Color</b>	Dark Bluish-Green
<b>Odour</b>	Petroleum
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	10±0.05
<b>Melting Point</b>	Not applicable
<b>Freezing Point</b>	Not applicable
<b>Boiling Point</b>	Not applicable
<b>Flash Point</b>	Closed cup: 155°C (Pensky-Martens)

<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>	0.92 ± 0.025
<b>Solubility</b>	Emulsify with water
<b>Partition coefficient: n-octanol/water</b>	Not applicable
<b>Viscosity</b>	Free Flow liquid
<b>Auto-ignition Temperature</b>	Not applicable

## SECTION X – STABILITY & REACTIVITY

### Reactivity/Incompatible materials

Strong 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

Normal combustion products including CO, CO<sub>2</sub>, NO<sub>x</sub> and other.

## SECTION XI – TOXICOLOGICAL INFORMATION

### Distillates, petroleum, hydrotreated light naphthenic:

ORAL (LD50): Acute: >5000 mg/kg [Rat].

DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].

INHALATION (LC50) Acute: 9.6 mg/L (Female Rat).

INHALATION (LC50) Acute: 10.5 mg/L (Male Rat).

DRAIZE EYE Acute: Non-irritating (Rabbit).

DRAIZE DERMAL Acute: Mild skin irritant (Rabbit).

BUEHLER DERMAL Acute: Non-sensitizing (Guinea Pig).

28-Day DERMAL Sub-Chronic: Mild to moderate skin irritant (Rabbit & Rat).

**EYE:** May cause irritation.

**SKIN:** May cause skin irritation.

**INHALATION:** May cause respiratory system irritation.

**Carcinogenicity:** The ingredients of this product are not classified as being carcinogenic by ACGIH (American Conference of Governmental Industrial Hygienists) or IARC (International Agency for Research on Cancer), not regulated as carcinogens by OSHA (Occupational Safety and Health Administration), and not listed as carcinogens by NTP (National Toxicology Program).

### REPRODUCTIVE TOXICITY INFORMATION:

**Mutagenicity:** No

**Embryotoxicity:** No.

**Teratogenicity:** No.

**Reproductive Toxicity:** No.

## SECTION XII – ECOLOGICAL INFORMATION

**Eco-toxicity:** Specific ecological testing has not been conducted on this product.

**Mobility:** The product should not be allowed to enter drains or watercourses.

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

**Bio-accumulative Potential:** No data.

### 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 - 1, 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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