

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

Product Identifier: Vapro MBO-920-OS
Other means of identification: V.C.I Corrosion Inhibitor for Oil & Solvent Product
Recommended use: VCI corrosion inhibitor for production of anti-rust oil, metal working fluids, gear oils and engine oils
Supplier's Name: Magna Chemical Canada Inc.
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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>Ingredient Name:</u>	<u>Weight %:</u>	<u>CAS#</u>
Proprietary Sulfonate	60	Mixture
Proprietary mixture of amine carboxylate compound	40	Mixture

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/m³ - 8 hour(s).

STEL: 10 mg/m³ - 15 minute(s).

OSHA PEL (United States).

TWA: 5 mg/m³ - 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

Appearance Physical State	Viscous Liquid
Color	Dark Amber
Odour	Mild
Odour Threshold	Not applicable
pH	7±0.05
Melting Point	Not applicable
Freezing Point	Not applicable
Boiling Point	Not applicable
Flash Point	98°C (ASTM D93)
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	0.94 ± 0.025
Solubility	Insoluble in water
Partition coefficient: n-octanol/water	Not applicable
Viscosity	Viscous liquid
Auto-ignition Temperature	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, CO₂, NO_x and other.

SECTION XI – TOXICOLOGICAL INFORMATION

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)
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 - 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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