

**SECTION 1: IDENTIFICATION**

Product identifier used on the label	Verom
Recommended use of the chemical and restrictions on use	Verom is a water-based product that protects, shines and renews all existing surfaces in the engine compartment, such as metal parts, plastics, painted surfaces and rubber hoses. The product forms a film that penetrates difficult places and adheres to all the aforementioned surfaces. Verom is resistant to high temperatures and has a durability of up to four months. It can also be used in chassis and wheel boxes, providing the same benefits of its application in the engine.
Manufactured by	EVC INDUSTRIAL LTDA
Address	Rua Luis Francisco Xavier n.º 520 Paupina - Fortaleza, CE
Telephone number	+55 0800 591 6496
Fax	Not available
Emergency phone number	+55 0800 591 6496
Email	sac@vonixx.com.br e info@vonixx.com
Web site	www.vonixx.com.br

**SECTION 2: HAZARD(S) IDENTIFICATION****2.1 Classification of mixture**

This product is not hazardous as defined under OSHA 1900.1200

**2.2 Appropriate labeling elements**

No specific element or phrase on the label.

**2.3 Other hazards that do not result in classification**

Not available

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Mixture****Hazardous Ingredients or Impurities**

Common chemical name or technical name	CAS Registration Number	Concentration or range
Morpholine	110-91-8	0.1% - 1%

**SECTION 4: FIRST-AID MEASURE****4.1 Description of first aid measures**

Inhalation	Not available
Skin contact	Not available
Eye contact	Not available
Ingestion	Not available

**4.2 Most important symptoms/effects, acute and delayed**

Not available

**4.3 Indication of any immediate medical attention and special treatment needed**

Not available

**SECTION 5: FIRE-FIGHTING MEASURES****5.1 Extinguishing media**



Not available

**5.2 Special hazards arising from the substance or mixture**

Not available

**5.3 Special protective equipment and precautions for fire-fighters**

Not available

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment, and emergency procedures**

**6.1.1 For personnel who are not part of the emergency services**

Not available

**6.1.2 For emergency service personnel**

Not available

**6.2 Environmental precautions**

Not available

**6.3 Methods and materials for containment and cleaning up**

Not available

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Not available

**7.2 Conditions for safe storage, including any incompatibilities**

Not available

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

Appropriate engineering controls Not available

Morpholine (110-91-8)						
ACGIH	TWA: Not available (mg/m <sup>3</sup> )	TWA: 20 ppm	STEL: Not available (mg/m <sup>3</sup> )	STEL: Not available (ppm)	(C): Not available (mg/m <sup>3</sup> )	(C): Not available (ppm)

**8.2 Exposure controls**

Biological Limit (s) Not available

**8.3 Personal protective equipment**

Eye/face protection Not available

Skin and body protection Not available

Respiratory protection Not available

Thermal hazards Not available

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

Appearance Liquid viscous, Purple.

Odor and odor threshold Grape

pH Not available



Melting point/freezing point	Not available
Initial boiling point and boiling range	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Upper/lower flammability or explosive limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility(ies)	Miscible in water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Kinematic viscosity	Not available
Dynamic viscosity	>= 1500 to 3000 cP 25 °C
Additional information	Not available

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity	Not available
Chemical stability	The product is chemically stable under standard ambient conditions.
Possibility of hazardous reactions	Not available
Conditions to avoid	High temperatures.
Incompatible materials	Not available
Hazardous decomposition products	No known hazardous products of decomposition

**SECTION 11: TOXICOLOGICAL INFORMATION**

Acute Toxicity	Not available
Skin corrosion/irritation	It causes moderate skin irritation with redness and dryness.
Serious eye damage/eye irritation	Not available
Respiratory or skin sensitization	Not available
Germ cell mutagenicity	Not available
Carcinogenicity	Not available
Toxicity to reproduction	Not available
Specific target organ toxicity - single exposure	Not available
Specific target organ toxicity - repeated exposure	Not available
Aspiration hazard	Not available

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Ecotoxicity**

Not available

**12.2 Persistence and degradability**

It is expected that the product does not persist and is quickly degradable.

**12.3 Bioaccumulative potential**

Unavailable.

**Morpholine**

Bioconcentration factor (BCF): &lt; 2.8 .

Partition coefficient n-octanol /water (log Kow): -2.55 to 25 °C.

**12.4 Mobility in soil**

Not available

**12.5 Other adverse effects**

Not available

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Product Not available

Rest of the product Not available

Used packaging Not available

**SECTION 14: TRANSPORT INFORMATION**

<b>Ground transportation</b>	UN - "United Nations" Recommendations on the TRANSPORT OF DANGEROUS GOODS. Model Regulations
<b>Maritime transport</b>	Rules of maritime authority (NORMAM). NORMAM 01/DPC: vessels employed in open sea navigation. NORMAM 02/DPC: vessels employed in interior navigation. IMO - "International Maritime Organization". International Maritime Dangerous Goods Code (IMDG Code).
<b>Air transport</b>	SUPPLEMENTARY INSTRUCTION - IS. ICAO "International Civil Aviation Organization" - Doc 9284-NA / 905. IATA - "International Air Transport Association". Dangerous Goods Regulation (DGR).
<b>UN number</b>	Product not classified as hazardous for transport.

**SECTION 15: REGULATORY INFORMATION**

N/A

**SECTION 16: OTHER INFORMATION**



## References

REACH: REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICALS. Commission Regulation (EC) No 1272/2008 of December 2008 amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals. Available in: . Access in: 07/25/2025

ECHA: EUROPEAN CHEMICAL AGENCY. Available in: Access in: 07/25/2025

LevelOne: Level One Solutions Consultoria Ltda. Available in: <https://www.levelonesolutions.com.br>. Access in: 07/25/2025

## Subtitles and abbreviations

Not available

## Other information

This SDS has been prepared on the basis of current knowledge on the proper handling of the product and under normal conditions of use, according to the application specified on the package. Any other use of the product that involves its combination with other materials, in addition to forms of use other than those indicated, are the responsibility of the user. It is advised that the handling of any chemical substance requires prior knowledge of its hazards by the user. At the workplace, the company that uses the product should promote the training of its employees regarding the possible risks arising from exposure to the chemical.