

**SECTION 1: IDENTIFICATION**

Product identifier used on the label	Luster
Recommended use of the chemical and restrictions on use	LUSTER WAX SPRAY CLEANER SiO <sub>2</sub> + CARNAÚBA exclusive and practical. It is the solution for those looking for a complete wax that promotes light cleaning, deep shine, smooth touch and efficient protection in a single product. Its innovative formula combines the power of gentle cleansing with the warm shine of carnauba and the resistance of silicon dioxide (SiO <sub>2</sub> ), ensuring a flawless finish and protection for up to 3 months. It removes light watermarks, assists in decontaminating the paint and forms a hydrophobic layer that repels water and renews shine with ease.
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**

Skin corrosion/irritation (Category 2)  
Serious eye damage/irritation (Category 2A)  
Skin sensitization (Category 1)  
Hazardous to the aquatic environment - Acute (Category 3)  
Hazardous to the aquatic environment - Chronic (Category 3)

**2.2 Appropriate labeling elements**

Hazard pictograms	
Signal word	Caution
Hazard statements	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	<b>Prevention</b> P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. <b>Emergency</b> 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 supplementary specific first aid instructions on this label).

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.

#### disposition

P501 Dispose of the content and recipient in accordance with the At an approved on-site treatment facility, at an approved waste treatment facility expenses.

### 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
Water	7732-18-5	83.925% - 100%
Silicone oil	63148-62-9	1% - 5%
Mixture of aliphatic hydrocarbons	64742-47-8	1% - 5%
Preservative	26172-55-4	1% - 5%
Aluminum Silicate	12141-46-7	1% - 5%
Carbomer	9003-01-4	0.1% - 1%
Dihydromyrcenol (2,6-Dimethyloct	18479-58-8	0.1% - 1%
Morpholine	110-91-8	0.1% - 1%

## SECTION 4: FIRST-AID MEASURE

### 4.1 Description of first aid measures

Inhalation	Remove victim to fresh air.
Skin contact	Wash exposed skin with sufficient amount of water to remove material.
Eye contact	Wash with plenty of water. Consult an ophthalmologist.
Ingestion	Do not induce vomiting. Rinse victim's mouth with plenty of water. See a doctor.

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

Causes skin irritation with redness, pain and dryness. Causes serious eye irritation with redness and pain. May cause an allergic skin reaction with itching and acne.

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

Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Use water mist, alcohol resistant foam, carbon dioxide (CO<sub>2</sub>) or dry chemical powder. Do not apply water jets directly.

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

Combustion of the chemical or its packaging can form irritating and toxic gases such as monoxide and carbon dioxide.



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

Positive pressure self-contained breathing apparatus (SCBA) with full protective clothing. Containers and tanks involved in the fire should be cooled with water mist.

## 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

Wear protective equipment. Isolate and flag the area. Do not smoke. Avoid contact with the product.

#### 6.1.2 For emergency service personnel

Wear appropriate protective equipment. Keep unauthorized persons away.

### 6.2 Environmental precautions

Isolate the area. Prevent the spread of spilled material. Prevent spilled material from reaching waterways and sewers. Leaks should be reported to the manufacturer and / or environmental agencies.

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

Isolate spill or leak area to a radius of 50 meters at least in all directions. Use natural dikes or barriers to contain product leakage. Absorb with inert absorbent material (sand, diatomite, vermiculite). If it is possible to seal the leak by using bungs, sealing tape or by inverting the hole / tear / dent up. Collect all material in suitable, properly labeled containers for later treatment and disposal. Waste must be disposed of in accordance with Local, State or Federal environmental legislation. For transshipment check an appropriate location and perform the safety procedures described above.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Handle in a well-ventilated area or general local exhaust / ventilation system. Avoid formation of vapors and mists. Avoid contact with incompatible materials. Adopt personal protective measures. Observe the expiration date. Do not reuse the empty package. Do not wash containers in lakes, fountains, rivers and other bodies of water. Do not eat, drink or smoke while handling the product. Wash after handling, especially before meals. After work, remove protective clothing and bathe.

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

Store in covered, dry and well-ventilated area. Protect packaging from physical damage. Keep container tightly closed when not in use. Keep away from incompatible materials, odorous or toxic substances.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Appropriate engineering controls

Provide local exhaust or general ventilation in the work area to minimize vapor concentration. Eye wash supplies and emergency safety showers should be available in the immediate vicinity of any potential exposure.

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

Eye protection (wide vision safety glasses).

Skin and body protection

Apron. Safety shoes. Gloves.

Respiratory protection

Respiratory protection mask.

Thermal hazards

There are no thermal hazards related to this product.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Liquid viscous, Orange.
Odor and odor threshold	Characteristic
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	>= 0.98 to 1 g/cm <sup>3</sup> to 25 °C
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	Causes skin irritation with redness, pain and dryness.
Serious eye damage/eye irritation	Causes serious eye irritation with redness and pain.
Respiratory or skin sensitization	May cause an allergic skin reaction with itching and acne.
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**

Information regarding					
Ingredient	Ecotoxicity Type	Period	test	Species	Dose
Preservative	CL <sub>50</sub> (fish)	48 hour(s)	In vitro	Danio rerio	1 mg/L
Carbomer	CL <sub>50</sub> (fish)	96 hour(s)	In vitro	Oryzias latipes	27 mg/L
	EC <sub>50</sub> (crustaceans)	48 hour(s)	In vitro	Daphnia magna	47 mg/L
	CE <sub>r50</sub> (algae and other aquatic plants)	72 hour(s)	In vitro	Pseudokirchneriella subcapitata (Selenastrum capricornutum)	0.75 mg/L
Morpholine	CL <sub>50</sub> (fish)	96 hour(s)	In vitro	Oncorhynchus mykiss	180 mg/L
	EC <sub>50</sub> (crustaceans)	48 hour(s)	In vitro	Daphnia magna	45 mg/L
	NOEC (crustaceans)	21 day(s)	In vitro	Daphnia magna	5 mg/L
	CL <sub>50</sub> (fish)	96 hour(s)	In vitro	Oncorhynchus mykiss	380 mg/L
	CE <sub>r50</sub> (algae and other aquatic plants)	96 hour(s)	In vitro	Pseudokirchneriella subcapitata (Selenastrum capricornutum)	28 mg/L

**12.2 Persistence and degradability**

The product is expected to be non-persistent and rapidly degradable.

**12.3 Bioaccumulative potential****Carbomer**

Partition coefficient n-octanol /water (log K<sub>ow</sub>): 0.27 to 20 °C.

**Morpholine**

Bioconcentration factor (BCF): < 2.8 .

Partition coefficient n-octanol /water (log K<sub>ow</sub>): -2.55 to 25 °C.

**Dihydromyrcenol (2,6-Dimethyloct**

Bioconcentration factor (BCF): 64.8 .

Partition coefficient n-octanol /water (log K<sub>ow</sub>): 3.25 to 40 °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	Treatment and disposal procedures should be evaluated individually for each product. Existing federal, state and local laws should be consulted.
Rest of the product	Keep the remains of the product in their original packaging and properly sealed. Disposal must be performed as established for the product.



Used packaging

Do not reuse empty packaging. These may contain product debris and should be kept closed and shipped for proper disposal as established for the product.

## SECTION 14: TRANSPORT INFORMATION

**Ground transportation**

UN - "United Nations" Recommendations on the TRANSPORT OF DANGEROUS GOODS. Model Regulations

**Maritime transport**

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).

**Air transport**

SUPPLEMENTARY INSTRUCTION - IS. ICAO "International Civil Aviation Organization" - Doc 9284-NA / 905. IATA - "International Air Transport Association". Dangerous Goods Regulation (DGR).

**UN number**

Product not classified as hazardous for transport.

## SECTION 15: REGULATORY INFORMATION

29 CFR 1910.1200, Hazard Communication

29 CFR 1910.272, Grain Handling Facilities

Regulation 1272:2008: GHS, United Nations, 3th Revised Edition, 2009

UN Recommendations on the TRANSPORT OF DANGEROUS GOODS. Model Regulations, 19th Edition, 2009.

Globally Harmonized System of Classification of Chemicals (GHS), 5th Edition, 2013

## SECTION 16: OTHER INFORMATION

References

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.