

**SECTION 1: IDENTIFICATION**

Product identifier used on the label	Magnus
Recommended use of the chemical and restrictions on use	MAGNUS is an environmentally friendly adhesive glue, grease and tar remover made with natural solvents extracted from orange peels. It can be used on various surfaces, such as: glass, PU varnish paint, porcelain, aluminum, iron and various other surfaces, as long as a small compatibility test is done before use.
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)
 Aspiration hazard (Category 1)
 Hazardous to the aquatic environment - Acute (Category 1)
 Hazardous to the aquatic environment - Chronic (Category 1)

2.2 Appropriate labeling elements

Hazard pictograms



Signal word

Caution

Hazard statements

H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention

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.

Emergency

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 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).

P331 Do NOT induce vomiting.

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.

P391 Collect spillage.

Storage

P405 Store locked up.

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
Terpinolene	586-62-9	60% - 70%
Butoxyethanol	111-76-2	10% - 20%
Ethoxylated Nonylphenol (Ultralex 95)	9016-45-9	5% - 10%
Octanal, 2-(phenylmethylene)-, (2E)-	165184-98-5	1% - 5%

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. It can cause allergic reactions in the skin with itching and dermatosis. It can cause a skin allergic reaction with itching and dermatosis. 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 (CO₂) 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

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.

Butoxyethanol (111-76-2)						
ACGIH	TWA: Not available (mg/m³)	TWA: 20 ppm	STEL: Not available (mg/m³)	STEL: Not available (ppm)	(C): Not available (mg/m³)	(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 fluid-solution, Green.
Odor and odor threshold	Pine
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	≥ 0.85 to 0.88 g/cm^3 to $25 \text{ }^\circ\text{C}$
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	Not available
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	It can cause allergic reactions in the skin with itching and dermatosis. It can cause a skin allergic reaction with itching and dermatosis. 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	May be fatal if swallowed and enters airways.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Ecotoxicity**

Ingredient	Ecotoxicity Type	Information regarding			
		Period	test	Species	Dose
Terpinolene	CL ₅₀ (fish)	96 hour(s)	In vitro	Danio rerio	0.805 mg/L
	EC ₅₀ (crustaceans)	48 hour(s)	In vitro	Daphnia magna	0.634 mg/L
	CEr ₅₀ (algae and other aquatic plants)	72 hour(s)	In vitro	Pseudokirchneriella subcapitata (Selenastrum capricornutum)	0.692 mg/L
Ethoxylated Nonylphenol (UltraneX95)	EC ₅₀ (crustaceans)	48 hour(s)	In vitro	Daphnia magna	1.821 mg/L
	CEr ₅₀ (algae and other aquatic plants)	48 hour(s)	In vitro	Pseudokirchneriella subcapitata (Selenastrum capricornutum)	20 mg/L
Octanal, 2-(phenylmethylene)-, (2E)-	CL ₅₀ (fish)	96 hour(s)	In vitro	Danio rerio	1.7 mg/L

12.2 Persistence and degradability

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

12.3 Bioaccumulative potential**Ethoxylated Nonylphenol (UltraneX 95)**

Partition coefficient n-octanol /water (log Kow): 3.7 to 25 °C.

Butoxyethanol

Partition coefficient n-octanol /water (log Kow): 0.83 to 20 °C.

Octanal, 2-(phenylmethylene)-, (2E)-

Partition coefficient n-octanol /water (log Kow): 5.3 to 24 °C.

Terpinolene

Partition coefficient n-octanol /water (log Kow): 4.47 .

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

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.