

Safety Data Sheet

According to (CE) No 1907/2006, amended by Regulation (EU) N°2020/878

Version number: 103

Revision date: 29/06/2023

Trade name: Vulk Acqua Solution Rendiplus SL600

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Vulk Acqua Solution Rendiplus SL600

Internal identification code: 507031

UFI: QV69-PFTG-T10D-VDCT

Main recommended uses for the substance or product:

It is indicated to retread tire processes, by mold cure or precure methods.

This product must not be used for applications other than those recommended in this section.

For further information consult the technical data sheet.

1.2 Identification of the company

Manufacturer/Supplier: Vipal Europe S.L.

Amado Granell Mesado, 75, 5K-46013

Valencia, Spain

E-mail: sales.eu@vipal.com

Emergency telephone number: +34 963 25 95 10 – Frederico Schmidt

2 Hazards identification

2.1 Classification of the substance or mixture

Labelling according to Regulation (EC) No 1272/2008

Globally Harmonized System (GHS)

2.2 Label elements

Hazard pictograms:



GHS07

Signal word: Warning

Hazard-determining components of labelling: Not applicable

Hazard statements:

H317 May cause an allergic skin reaction.

Precautionary statements:

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P402+P404 Store in a dry place. Store in a closed container.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards: Not applicable

3 Composition/information on ingredients

3.1 Chemical characterization: Mixture

Dangerous components:

CAS	Chemical name or technical name	Concentration (%)
CAS: 7704-34-9 EINECS: 231-722-6	Sulfur, precipitated, sublimed or colloidal Flam. Sol. 2, H228; Skin Irrit. 2, H315;	3-5
CAS: 1336-21-6 EINECS: 215-647-6	Ammonia Skin Corr. 1B, H314; Aquatic Acute 1, H400;	<1
CAS: 9006-04-6	Natural rubber latex	10-25
CAS: 7732-18-5	Water	70-80

Additional information: No further relevant information is available.

4 First aid measures

4.1 Description of first aid measures

After inhalation: Remove the victim to fresh air. If the victim is breathing with difficulty, give oxygen. If necessary administer artificial respiration. Seek medical advice. If case of indisposition, contact the Toxicology Information Center or a doctor. Bring this MSDS.

After skin contact: Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

After eye contact: Wash immediately with running water for at least 30 minutes, keeping eyelids open. If it's possible, remove contact lenses and seek immediate medical assistance.

After swallowing: Call for a doctor immediately. Rinse out mouth and then drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed: Ingestion causes respiratory irritation and gastrointestinal disturbances. Repeated or prolonged skin contact may cause irritation and/or dermatitis and sensitization for sensitive people. May cause strong allergic reaction in case of contact with eyes, skin or mucosa due to high pH. May cause allergic reactions on the skin. Coughing, chest tightness, and irritation of the upper airways. If ingested, it causes discomfort, stomach pain, and vomit. Repetitive and prolonged contact with skin causes redness, itchiness, irritation, and eczema.

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4.3 Indication of any immediate medical attention and special treatment needed: Ingestion causes respiratory irritation and gastrointestinal disturbances.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Use chemical-powder (PQS), chemical-foam, or CO₂ sprinkles. Use water-mist spout to cool down adjacencies.

Unsuitable extinguishing agents: Jet of water

5.2 Special hazards arising from the substance or mixture: The combustion of the product or its packaging can cause irritating and toxic gases, like carbon monoxide and dioxide.

Hydrogen fluoride.

5.3 Advice for firefighters: Self-contained breathing apparatus (SCBA), complete protective clothing, and leather gloves.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For people who are not part of the emergency services: Avoid inhalation, contact with eyes and skin. Do not touch nor walk over spilt product.

For people part of the emergency services: Maintain unauthorized people away. Use waterproof protection clothes, nitrile gloves, closed shoes, protection goggles, and breathing mask for organic vapors. Ensure adequate ventilation.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up: Absorb with earth or other absorbent material. Collect product in properly labeled container for later disposal. Do not dispose in regular garbage. Do not dispose in the sewage system or in waterways. Contact the local environmental agency.

6.4 Reference to other sections: No applicable

7 Handling and storage

7.1 Precautions for safe handling:

Avoid prolonged contact of the product with skin and eyes.

Hygienic measures: Wash your hands before eating, drinking, smoking or using the toilet. Contaminated clothing should be changed and washed before reuse.

7.2 Conditions for safe storage, including any incompatibilities: Keep in a cool, covered and ventilated area, away from direct sunlight, moisture and strong sources of ozone. It is recommended to store between the temperatures of 0 °C to 40 °C.

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Prevention of fire and explosions: No special measures required.

Information about storage in one common storage facility: Do not store together with oxidizers and acids.

7.3 Specific end use(s): It is indicated to retread tire processes, by mold cure or precure methods.

8 Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

7664-41-7 - ammonia, anhydrous	
WEL	Short-term value: 25 mg/m ³ , 35 ppm Long-term value: 18 mg/m ³ , 25 ppm

Ingredients with biological limit values: Non-biological indicators of exposure were established.

8.2. Exposure controls

Limitation and supervision of exposure into the environment: The fume extraction systems must be designed observing local regulations on emission limits for volatile substances.

Engineering control measures: Provide mechanical ventilation and exhaustion system, in order to keep the concentration of vapors below the tolerance limit.

Eye protection: Safety glasses

Protection of hands and body: Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Use waterproof clothes.

Recommended: Protective Gloves

Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Indication: Disposable half-facial respirator.

Thermal Hazards: Not applicable

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: liquid

Colour: Gray

Odour: Characteristic

pH: 9-11

Melting point/freezing point: Not available

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Boiling point or initial boiling point and boiling range: 100 °C

Flash point: Not applicable

Flammability: Not applicable

Lower and upper explosion limit: Not available

Vapour pressure: Not applicable

Vapour density (air=1): Not available

Relative density (water=1): 1.021 g/cm³

Solubility: Completely blendable

Partition coefficient: n-octanol/water: Not applicable

Auto-ignition temperature: Not applicable

Decomposition temperature: Not available

Viscosity at 23 °C: Not available

Particle characteristics: No applicable

9.2 Other information: No further relevant information available.

10 Stability and reactivity

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability: Stable in normal use conditions.

10.3 Possibility of hazardous reactions: Reacts with strong acids and oxidising agents.

10.4 Conditions to avoid: To avoid thermal decomposition, do not overheat.

10.5 Incompatible materials: Strong oxidizers and acids.

10.6 Hazardous decomposition products: A toxic gas mixture is formed upon combustion, chiefly containing CO₂ and CO. Nitrogen oxides (NO_x) and Hydrogen fluoride.

11 Toxicological information

11.1. Information on hazard classes

Acute toxicity: Product not classified as acute toxic.

Skin corrosion/irritation: No irritant effect.

Serious eye damage/irritation: No irritating effect.

Respiratory or skin sensitization: May cause an allergic skin reaction.

Germ cell mutagenicity: It is not expected mutagenic effects in germ cells.

Carcinogenicity: It is not expected that the product presents carcinogenicity to humans.

Reproductive toxicity: It is not expected to present toxicity to reproduction and lactation.

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Toxicity for specific target organ (STOT) - single exposure: It is not expected that the product presents effects of toxicity for specific target organs by single exposure.

Toxicity for specific target organ (STOT) - repeated exposure: It is not expected that the product presents effects of toxicity for specific target organs by repeated exposure.

Aspiration hazard: It is not expected that the product presents aspiration hazard.

12 Ecological information

12.1 Toxicity: No further relevant information available.

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

12.5. Results of PBT and vPvB assessment: Not available

12.6. Endocrine disrupting properties: Not applicable

12.7 Other adverse effects: No further relevant information available.

13 Disposal considerations

13.1 Waste treatment method

Product: Treatment and disposal must be specifically evaluated for each product. The requirements of Directive 2008/98/EC, federal, state, and city laws must be consulted. Must not be disposed together with household garbage. Do not allow product to reach sewage system. Packaging (plastic and/or cardboard), if not contaminated, should be discarded in accordance to present law.

Product remains: Keep the product remains in its original packaging. Disposal should be carried out as established for the product.

Uncleaned packaging: Disposal must be made according to official regulations.

14 Transport information

Land transport, water transportation and air transport:

Directive 2008/68/EC, on the inland transport of dangerous goods

International Maritime Organization (IMO)

International Maritime Dangerous Goods Code (IMDG Code)

International Air Transport Association (IATA)

Dangerous Goods Regulation (DGR)

14.1 UN number or ID number: Not applicable

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14.2 UN proper shipping name: Not applicable

14.3 Transport hazard class(es): Not applicable

14.4 Packing group: Not applicable

14.5 Environmental hazards: The product is not dangerous for the environment.

Marine pollutant: No

Limited quantities (LQ): Not applicable

EMS: Not applicable

14.6 Special precautions for user: Not available

14.7 Maritime transport in bulk according to IMO instruments: Not applicable

15 Regulatory information

Regulations

International Maritime Organization (IMO)

International Maritime Dangerous Goods Code (IMDG Code)

International Air Transport Association (IATA)

Dangerous Goods Regulation (DGR)

Directive 2008/68/EC, on the inland transport of dangerous goods

Regulation (CE) No 1907/2006, amended by Regulation (EU) 2020/878

Regulation (EC) No 1272/2008, on classification, labelling and packaging of substances and mixtures

Directive 2008/98/EC, on waste and repealing

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This form provides information on protection, health, safety and the environment. Note that the handling of any chemical substance requires prior knowledge of its dangers to users.

The company using the product is responsible for providing training for its employees and hired parties with regards to the possible adverse risks of the product.

Data compared to the previous version altered: Compliance with Regulation (EU) 2020/878.

References:

International Uniform Chemical Information Database (IUCLID): Available in: <https://iuclid6.echa.europa.eu/>.

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ECOTOX DATABASE: Available in: <https://cfpub.epa.gov/ecotox/>.

Occupational Safety and Health Administration (OSHA): Available in: < www.osha.gov >.

American Conference of Governmental Industrial Hygienists (ACGIH). Available in: <https://www.acgih.org/>.

National Institute for Occupational Safety and Health (NIOSH). Available in: <https://www.cdc.gov/niosh/index.htm>.