

Safety Data Sheet **acc. to OSHA HCS**

Version number: 101

Revision date: 02/02/2023

Trade name: Vulk Acqua Solution Rendiplus SL600

1 Identification of the product and of the company

1.1 Product identifier

Trade name: Vulk Acqua Solution Rendiplus SL600

Internal identification code: 507031

Main recommended uses for the substance or product:

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

For further information consult the technical data sheet.

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

1.2 Identification of the company

Manufacturer/Supplier: Vipal Rubber Corporation

2601 NW 89 Court Miami – FL 33172 - U.S.A

E-mail: info@vipal-usa.com

Emergency telephone number: +1 305 640 0330

2 Hazards identification

2.1 Classification of the substance or mixture

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.

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.

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*acc. to OSHA HCS***Version number:** 101**Revision date:** 02/02/2023**Trade name:** Vulk Acqua Solution Rendiplus SL600**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 | 3-5 |
| CAS: 1336-21-6 EINECS: 215-647-6 | Ammonia | <1 |
| CAS: 9006-04-6 | Natural rubber latex | 10-25 |
| CAS: 7732-18-5 | Water | 70-80 |

Additional information: Not available.**4 First aid measures****4.1 Description of first aid measures**

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

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

Most important symptoms and effects, both acute and delayed: 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.

4.2 Indication of any immediate medical attention and special treatment needed: No further relevant information available.

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.

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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:

Use waterproof protection clothes, nitrile gloves, closed shoes, protection goggles, and breathing mask for organic vapors. Ensure adequate ventilation. Maintain unauthorized people away.

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 liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

7.1 Precautions and directions 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: Store in a cool, covered and ventilated, sheltered from sunlight, moisture and sources of ozone.

Prevention of fire and explosions: No special requirements.

Information about storage in one common storage facility: Store away from foodstuffs.

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.

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Limitation and supervision of exposure into the environment: Steam aspiration systems must be projected in observance to local regulations concerning limits of emission of volatiles substances.

8.2 Engineering control measures: Provide mechanical ventilation and exhaust system so to maintain the vapor concentration lower than the tolerance limit.

8.3 Personal protective equipment

Eye protection: Tightly sealed goggles.

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: Nitrile 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: breathing mask for organic vapors.

Thermal Hazards: Not applicable.

9 Physical and chemical properties

Appearance (physical state, form e colour): liquid, gray.

Odour and odour limit: Characteristic.

pH: 9-11

Melting point/freezing point: Not available.

Initial boiling point and temperature range: 100 °C (212 °F).

Flash point: Not applicable.

Evaporation rate: Not available.

Flammability (solid, gas): Not applicable.

Lower/upper limit of flammability or explosiveness: Not available.

Vapour pressure: Not applicable.

Vapour density: Not applicable.

Relative density at 20 °C: 1.021 g/cm³.

Solubility: Completely blendable.

Partition coefficient: n-octanol/water: Not applicable.

Auto-ignition temperature: Not applicable.

Decomposition temperature: Not available.

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Product: Treatment and disposal must be specifically evaluated for each product. 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:**

Not available.

Water transportation:

International Maritime Organization (IMO)

International Maritime Dangerous Goods Code (IMDG Code)

Air transport:

International Air Transport Association (IATA)

Dangerous Goods Regulation (DGR)

UN-Number: Not applicable.

UN proper shipping name: Not applicable.

Transport hazard class(es): Not applicable.

Packing group: Not applicable.

Marine pollutant: No.

Limited quantities (LQ): Not applicable.

EMS: Not applicable.

Environmental hazards: The product is dangerous for the environment.

15 Regulatory information**Regulations**

International Maritime Organization (IMO)

International Maritime Dangerous Goods Code (IMDG Code)

International Air Transport Association (IATA)

Dangerous Goods Regulation (DGR)

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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.

References:

IUCLID: Available at: < <https://iuclid6.echa.europa.eu/>>.

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

BR Petrobras Distribuidora. Material Safety Data Sheet, Solbrax 55/75. Revision date: 16/11/2018.

BRENNTAG. Material Safety Data Sheet, Methyl Ethyl Ketone. Revision date: 28/09/2016.