

Safety Data Sheet

according to UK REACH Regulation

SANIT RohrGranate®

Revision date: 15.02.2022

Product code: 3064

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

1.1. Product identifier

SANIT RohrGranate®

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Etchant and acids

Uses advised against

*** Unterliegt der VO (EU) 2019/1148 über Ausgangsstoffe für Explosivstoffe ! ***

1.3. Details of the supplier of the safety data sheet

Company name:	SANIT-Chemie Reinigungsmittel und -geräte GmbH	
Street:	Dieselstr. 38	
Place:	D-74211 Leingarten	
Telephone:	+49 7131 902100	Telefax: +49 7131 404360
e-mail:	info@sanit-chemie.de	
Contact person:	Produktmanagement	Telephone: 07131 90210-20
Internet:	www.sanit-chemie.de	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Met. Corr. 1; H290
Skin Corr. 1; H314
Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

sulphuric acid 96 %
fatty alcohol ethoxylate, polymer

Signal word: Danger

Pictograms:



Hazard statements

H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water

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P305+P351+P338	or shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P405	Store locked up.

SECTION 3: Composition/information on ingredients
3.2. Mixtures
Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
7664-93-9	sulphuric acid 96 %			95 - < 100 %
	231-639-5	016-020-00-8		
	Skin Corr. 1A; H314			
	fatty alcohol ethoxylate, polymer			1 - < 5 %
			02-2119552461-55	
	Acute Tox. 4, Eye Dam. 1, Aquatic Acute 1; H302 H318 H400			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
7664-93-9	231-639-5	sulphuric acid 96 %	95 - < 100 %
		Skin Corr. 1A; H314: >= 15 - 100 Skin Irrit. 2; H315: >= 5 - < 15 Eye Irrit. 2; H319: >= 5 - < 15	
		fatty alcohol ethoxylate, polymer	1 - < 5 %
		oral: ATE = 500 mg/kg	

SECTION 4: First aid measures
4.1. Description of first aid measures
General information

First aider: Pay attention to self-protection! Remove contaminated, saturated clothing immediately. Remove affected person from the danger area and lay down.

After inhalation

Provide fresh air. Medical treatment necessary.

After contact with skin

After contact with skin, wash immediately with: Water. Subsequently wash off with: Polyethylene glykol 400. Remove contaminated, saturated clothing immediately.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Potential hazards: Stomach perforation. Call a physician immediately. Do not allow a neutralisation agent to be drunk.

Caution if victim vomits: Risk of aspiration!

SECTION 5: Firefighting measures

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5.1. Extinguishing media**Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Fire fighting water forms corrosive acid solutions.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information

Suppress gases/vapours/mists with water spray jet. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up**Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Reacts violently with water. If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Keep container tightly closed in a cool, well-ventilated place. Avoid contact with skin and eyes.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

Further information on handling

When diluting, always get the water first and then add the product. Never add water. Do not mix with: Base. During dilution or dissolving in water, strong heating-up always takes place.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s)**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

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Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
7664-93-9	Sulphuric acid (mist)	-	0.05		TWA (8 h)	WEL

8.2. Exposure controls

Appropriate engineering controls

Do not breathe gas/fumes/vapour/spray.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Tested protective gloves are to be worn: CR (polychloroprenes, Chloroprene rubber). Thickness of glove material: 0,65 mm penetration time (maximum wearing period): 60 min (EN ISO 374)

Skin protection

Protective clothing: acid proof.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Combination filter device (DIN EN 141).. ABEK-P1 Use only respiratory protection equipment with CE-symbol including four digit test number.

Wear a self-contained breathing apparatus and chemical protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	dark brown
Changes in the physical state	
Melting point/freezing point:	11 °C
Boiling point or initial boiling point and boiling range:	279 °C
Flash point:	not applicable
pH-Value:	0
Water solubility:	completely miscible
Density:	1,83 g/cm ³

SECTION 10: Stability and reactivity

10.1. Reactivity

Acid, concentrated. During dilution or dissolving in water, strong heating-up always takes place.

10.2. Chemical stability

Materials to avoid: Alkalis (alkalis). The product develops hydrogen in an aqueous solution in contact with metals. Corrosive to most metals.

10.3. Possibility of hazardous reactions

Reacts with : Substance, organic. Alkalis (alkalis).

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10.5. Incompatible materials

Aluminium. Possibly extensive generation of hydrogen on contact with amphoteric metals (e.g. aluminium, lead, zinc) (explosive hazard!).

10.6. Hazardous decomposition products

Sulfur oxides.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	fatty alcohol ethoxylate, polymer				
	oral	ATE 500 mg/kg			

Irritation and corrosivity

after ingestion: Irritant and corrosive effects. Potential hazards: Stomach perforation.

Sensitising effects

no danger of sensitization.

Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 12: Ecological information

12.1. Toxicity

Product is acid. The product needs to apply neutralizing agents before draining to wastewater treatment plants.

12.2. Persistence and degradability

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

Further information

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

200114 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); Acids; hazardous waste

Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled.

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SECTION 14: Transport information
Land transport (ADR/RID)

14.1. UN number or ID number: UN 1830
14.2. UN proper shipping name: SULPHURIC ACID
14.3. Transport hazard class(es): 8
14.4. Packing group: II
 Hazard label: 8



Classification code: C1
 Limited quantity: 1 L
 Excepted quantity: E2
 Transport category: 2
 Hazard No: 80
 Tunnel restriction code: E

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 1830
14.2. UN proper shipping name: Sulphuric acid
14.3. Transport hazard class(es): 8
14.4. Packing group: II
 Hazard label: 8



Classification code: C1
 Limited quantity: 1 L
 Excepted quantity: E2

Marine transport (IMDG)

14.1. UN number or ID number: UN 1830
14.2. UN proper shipping name: SULPHURIC ACID
14.3. Transport hazard class(es): 8
14.4. Packing group: II
 Hazard label: 8



Special Provisions: -
 Limited quantity: 1 L
 Excepted quantity: E2
 EmS: F-A, S-B

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1830
14.2. UN proper shipping name: SULPHURIC ACID with more than 51 % acid
14.3. Transport hazard class(es): 8
14.4. Packing group: II
 Hazard label: 8

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Limited quantity Passenger:	0.5 L	
IATA-packing instructions - Passenger:		851
IATA-max. quantity - Passenger:		1 L
IATA-packing instructions - Cargo:		855
IATA-max. quantity - Cargo:		30 L

Other applicable information (air transport)

E2
: Y840

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU regulatory information

Restrictions on use (REACH, annex XVII):
Entry 3, Entry 75

2004/42/EC (VOC): 0

Additional information

Unterliegt EU-VO 2019/1148

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

SECTION 16: Other information
Changes

This data sheet contains changes from the previous version in section(s): 1.

Mit Inkrafttreten der EU Verordnung 2019/1148 zum 1. Februar unterliegt das Produkt RohrGranate® dieser Verordnung.

Das Produkt darf nur über Fachhändler an Fachhandwerker ausschließlich zur gewerblichen Nutzung und für den angegebenen Verwendungszweck abgegeben werden. Der entsprechende Verwendungszweck ist beim BFR hinterlegt. Die Käufer müssen eine gültige Umsatzsteuer-ID-Nummer vorweisen können. Das Produkt darf nicht an Endkunden verkauft werden. Im Zweifel können und werden Endverbleibserklärungen durch uns eingeholt.

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Met. Corr. 1; H290	On basis of test data
Skin Corr. 1; H314	On basis of test data
Eye Dam. 1; H318	Calculation method

Relevant H and EUH statements (number and full text)

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.

Further Information

Follow the instructions for use on the label.

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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)