
1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Name of product	Lithofin Rust-EX
Distributor	GranQuartz Stone Care Systems 4963 S.Royal Atlanta Dr., Tucker, GA 30084 Phone 1-800-458-6222
Advice	Techn. Department Phone 1-800-458-6222
Manufacturer	LITHOFIN AG Heinrich-Otto-Straße 42, D-73240 Wendlingen Phone +49 (0)7024 94 03-0
Advice	Labor Phone +49 (0)7024 9403-0 Fax +49 (0)7024 9403-40
Emergency advice	Phone +49 (0)7024 9403-0 (8.00-16.00 h) Phone +49 (0)7024 94 03-0
Recommended intended purpose(s)	
Cleaner	

2. HAZARDS IDENTIFICATION

Classification

Xn; R22

R43

R-phrases

22 Harmful if swallowed.

43 May cause sensitisation by skin contact.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Cleaner with surfactant

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification
367-51-1	206-696-4	Natriummercaptopacetat	< 25	T R25; Xn R21; Xi R43

Additional advice

These hazards apply to the contained raw materials in concentrated form. they have nothing to do with the labeling requirements of the finished product. The labeling requirements for the finished product are listed as item 15.

4. FIRST AID MEASURES

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Ensure of fresh air.

In case of skin contact

In case of contact with skin wash off immediately with soap and water.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Do not induce vomiting.

If swallowed by mistake drink plenty of water and seek medical treatment.

Rinse out mouth thoroughly with water.

Treatment (Advice to doctor)

Treat symptoms.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Hydrogen sulfide (H₂S)

Sulfur oxide

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation.

Use personal protective clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up

Allow to solidify.

Take up with absorbent material (e.g. sand, sawdust, general-purpose binder).

After taking up the material dispose according to regulation.

7. HANDLING AND STORAGE

Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

Use only in well-ventilated areas.

Take the usual precautions when handling with chemicals.

Advice on protection against fire and explosion

No special measures necessary.

Further information on storage conditions

Keep container dry, tightly closed and store at cool and aired place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand protection

chemical-resistant gloves

Eye protection

safety goggles

Skin protection

light protective clothing

General protective measures

Avoid contact with eyes and skin

Hygiene measures

At work do not eat, drink and smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

liquid

Colour

colourless

Odour

putrid

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	ca. 7,5 - 10,5				
starts to boil	> 90 °C				
Flash point	not applicable				
Density	ca. 1,1 g/cm ³				
Solubility in water					multimiscible

10. STABILITY AND REACTIVITY

Conditions to avoid

Reactions with strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD 50 acute oral	not determined			
LD 50 acute dermal	not determined			
LC 50 acute inhalation	not determined			

12. ECOLOGICAL INFORMATION

Data on elimination (persistence and degradability)

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	not determined			
Biological degradability	not determined			

13. DISPOSAL CONSIDERATIONS

Waste code No.

16 03 05*

Name of waste

organic wastes containing dangerous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

Remove in accordance with local official regulations.

Recommendations for packaging

Totally emptied packaging may be taken for recycling.

14. TRANSPORT INFORMATION

Land and inland navigation transport ADR/RID

UN - no dangerous good

Marine transport IMDG

UN - no dangerous good

Air transport ICAO/IATA-DGR
UN - no dangerous good

15. REGULATORY INFORMATION

Remarks for classification

The product is classified and labelled in accordance with EC directives.

Classification

Xn Harmful

R-phrases

22 Harmful if swallowed.
43 May cause sensitisation by skin contact.

S-phrases

2 Keep out of the reach of children.
24 Avoid contact with skin.
36/37 Wear suitable protective clothing and gloves.
46 If swallowed, seek medical advice immediately and show this container or label.

Hazardous ingredients for labeling

Natriummercaptopacetat

National regulations

Water hazard class 1 VwVwS (17. 05. 1999)

16. OTHER INFORMATION

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Wording of the R-phrases specified in chapter 3 (not the classification of the formulation!)

R 21 Harmful in contact with skin.
R 25 Toxic if swallowed.
R 43 May cause sensitisation by skin contact.
