

! 1. Identification of the substance/preparation

Name of product	GranQuartz 738C Cement Residue Remover
Manufacturer/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
Recommended intended purpose(s)	
Cleaner	

2. Composition/information on ingredients

Chemical characterization
Acid cleaner

Hazardous ingredients

CAS-No.	EC-No.	Name	[% weight]	Classification
000064-18-6	200-579-1	formic-acid	< 2	C R35
000110-65-6	203-788-6	but-2-yne-1,4-diol	< 3	T R23/25; Xn R21-48/22; C R34
007664-38-2	231-633-2	orthophosphoric-acid	< 25	C R34

3. Special hazards information for man and environment

R-phrases

36/38 Irritating to eyes and skin.

4. First aid measures

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

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.

5. Fire-fighting measures

Suitable extinguishing material

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

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/taking up

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

7. Handling and storage

Advice on safe handling

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

Ingredients with occupational exposure limits to be monitored

CAS-No.	Name	Code	[mg/m ³]	[ml/m ³]	Remark
000064-18-6	formic-acid	MAK, EU	9,5	5	Y

Respiratory protection

Short term: filter apparatus, filter E

Hand protection

Gloves (acid-resistant)

Eye protection

safety goggles

Skin protection

Acid-resistant 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
orange

Odour
pleasant

Data relevant for safety

	Value	Temperature	at	Method	Remark
pH value in delivery state	< 2				
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 metals, with evolution of hydrogen.

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. 06 01 06* **Name of waste** other acids

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/GGVS/GGVE/ADNR)

Identification corrosive liquid n.o.s. (Phosphoric acid)
UN-No. 1760
Class 8
PG III
Hazard No. 80

Marine transport IMDG/GGV See

Proper shipping name Corrosive liquid, n.o.s., (Phosphoric acid)
UN-No. 1760
Class 8
PG III
Marine pollutant No
EmS-No. 8-15

Air transport ICAO/IATA	
Proper shipping name	Corrosive liquid, n.o.s., (Phosphoric acid; solution)
UN/ID-No.	1760
Class	8
PG	III

15. Regulatory information

Remarks for classification

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

Classification

Xi Irritant

R-phrases

36/38 Irritating to eyes and skin.

S-phrases

2 Keep out of the reach of children.
46 If swallowed, seek medical advice immediately and show this container or label.

National regulations

Classification according to VbF/ remarks VbF: is not subject to decree for combustible liquids.

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 2 (not the classification of the formulation!)

R 21 Harmful in contact with skin.
R 23/25 Toxic by inhalation and if swallowed.
R 34 Causes burns.
R 35 Causes severe burns.
R 48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
