
1. Identification of the substance/preparation

Name of product	GranQuartz 539C Ceramic Tile Sanitary Cleaner
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
-	-	nonionic surfactants	< 25	Xn R22-41
000067-63-0	200-661-7	propan-2-ol	< 15	F R11; Xi R36; R67
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
000067-63-0	propan-2-ol	MAK	500	200	Y

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

green

Odour

pleasant

Data relevant for safety

	Value	Temperature	at	Method	Remark
pH value in delivery state	< 2				
starts to boil	> 90 °C				
Flash point	> 65 °C				
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 2 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 11 Highly flammable.

R 22 Harmful if swallowed.

R 34 Causes burns.

R 36 Irritating to eyes.

R 41 Risk of serious damage to eyes.

R 67 Vapours may cause drowsiness and dizziness.