
1. Identification of the substance/preparation

Name of product	GranQuartz 413S Professional Impregnator
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)	Impregnator

2. Composition/information on ingredients**Chemical characterization**

Solvent based Impregnator

Hazardous ingredients

CAS-No.	EC-No.	Name	[% weight]	Classification
000123-86-4	204-658-1	n-butyl acetate	< 15	R10; R66; R67
064742-82-1	265-185-4	Naphtha (petroleum), hydrodesulfurized heavy	> 25	Carc.Cat.2 R45; Xn R65

Additional advice

Benzene < 0,1 %

3. Special hazards information for man and environment**R-phrases**

10	Flammable.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
67	Vapours may cause drowsiness and dizziness.

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**

Foam

Dry powder

Carbon dioxide

sand

Extinguishing material that may not be used for safety reasons

Full water jet

Special exposure hazards arising from the substance, combustible products or resulting gases

In case of fire formation of dangerous gases possible.

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 thoroughly ventilated areas.

Use solvent-resistant equipment.

Take the usual precautions when handling with chemicals.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

Take precautionary measures against static discharges.

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
	naphtha (petroleum), arom. 1-25 %	MAK	500	100	31, TRGS 901-72
000123-86-4	n-butyl acetate	MAK	480	100	37

Respiratory protection

Breathing apparatus in the event of high concentrations.

Short term: filter apparatus, filter A

Hand protection

chemical-resistant gloves

Eye protection

safety goggles

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, clear

Odour
aromatic

Data relevant for safety	Value	Temperature	at	Method	Remark
pH value in delivery state	not applicable				
starts to boil	> 130 °C				
Flash point	> 23 °C				
Lower explosion limit	ca. 0,6 Vol-%				
Upper explosion limit	ca. 8 Vol-%				
Density	ca. 0,8 g/cm ³				
Solubility in water					more or less insoluble
Viscosity 1 Outflow time	< 30 s			ISO 2431/3 mm	

10. Stability and reactivity

Conditions to avoid

No hazardous reactions known.

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.
07 01 04*

Name of waste
other organic solvents, washing liquids and mother liquors

Recommendations for the product

In accordance with regulations for special waste, must be taken to a special waste disposal.

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	Flammable liquid, n.o.s. (White spirit) special provision 640
UN-No.	1993
Class	3
PG	III
Hazard No.	30

Marine transport IMDG/GGV See

Proper shipping name	Flammable liquid, n.o.s., (White spirit)
UN-No.	1993
Class	3
PG	III
Marine pollutant	No
EmS-No.	3-07

Air transport ICAO/IATA

Proper shipping name	Flammable liquid, n.o.s. (White Spirit)
UN/ID-No.	1993
Class	3
PG	III

15. Regulatory information

Remarks for classification

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

Classification

Xn	Harmful
N	Dangerous for the environment

R-phrases

10	Flammable.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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S-phrases

2	Keep out of the reach of children.
23.3	Do not breathe vapour.
24	Avoid contact with skin.
62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Hazardous ingredients for labeling

Naphtha (petroleum), hydrodesulfurized heavy

National regulations

Classification according to VbF/ remarks	All
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Water hazard class	2	VwVwS (17. 05. 1999)
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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 10 Flammable.

R 45 May cause cancer.

R 65 Harmful: may cause lung damage if swallowed.

R 66 Repeated exposure may cause skin dryness or cracking.

R 67 Vapours may cause drowsiness and dizziness.