

## **1 Identification of substance:**

### **Product details:**

**Trade name:** Lithofin MN Polish Cream

**Application of the substance / the preparation** Cleaning agent/ Cleaner

### **Distributor:**

GranQuartz, L. P.  
P.O. Box 2206  
Tucker, GA 30085-2206/USA

### **Information Department:**

see above

### **Emergency Information:**

information department

### **24-Hour Emergency Telephone Number:**

1-800-255-3924 (USA & Canada) or 813-248-0585

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## **2 Composition/Data on components:**

### **Chemical characterization**

**Description:** Solvent based wax

### **Dangerous components:**

64742-82-1 Naphtha, (petroleum), hydrodesulphurized heavy 10-25 %

8002-74-2 paraffin waxes and hydrocarbon waxes 10-25 %

RTECS: RV 0350000

**Additional information** Benzene < 0,1 %

### **TSCA**

7732-18-5 water, distilled, conductivity or of similar purity

64742-82-1 Naphtha, (petroleum), hydrodesulphurized heavy

8002-74-2 paraffin waxes and hydrocarbon waxes

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## **3 Hazards identification**

**Hazard description:** not applicable

### **Information pertaining to particular dangers for man and environment**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Vapours may cause drowsiness and dizziness

### **Classification system**

The classification is in line with internationally approved calculation standards. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

### **NFPA ratings (scale 0-4)**

Health = 0

Fire = 0

Reactivity = 0

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## **4 First aid measures**

### **General information**

Immediately remove any clothing soiled by the product.

### **After inhalation**

Supply fresh air; consult doctor in case of complaints.

**After skin contact** Wash with water and soap.

**After eye contact**

Rinse opened eye for several minutes under running water.  
If symptoms persist consult a doctor.

**After swallowing**

Do not induce vomiting  
Drink plenty of water, but never give anything to an unconscious person.  
Seek medical treatment.

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**5 Fire fighting measures**

**Suitable extinguishing agents**

Foam  
Extinguishing powder  
Carbon dioxide  
Sand

Use fire fighting measures that suit the environment.

**For safety reasons unsuitable extinguishing agents** Water with full jet.

**Special hazards caused by the material, its products of combustion or resulting gases:**

Dangerous decomposition products see chapter 10: stability and reactivity

**Protective equipment:**

Wear self-contained respiratory protective device.

**Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

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**6 Accidental release measures**

**Person-related safety precautions:**

Ensure adequate ventilation  
Wear protective clothing.  
Keep unprotected persons away.

**Measures for environmental protection:**

Do not allow product to reach sewage system or any water course.  
Do not allow to penetrate the ground/soil.

**Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Use neutralizing agent.  
Send for recovery or disposal in suitable receptacles.  
Dispose contaminated material as waste according to item 13.

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**7 Handling and storage**

**Handling**

**Information for safe handling:**

Use only in well ventilated areas.  
Keep receptacles tightly sealed.  
Use solvent-proof equipment.  
Avoid inhalation of vapours.

**Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.

**Storage**

**Requirements to be met by storerooms and receptacles:**

Store receptacles tightly closed at a cool and dry place with sufficient ventilation  
Prevent any seepage into the ground.

**Information about storage in one common storage facility:**

Store away from foodstuffs.  
Store away from feed.

**Further information about storage conditions:** None.

## **8 Exposure controls and personal protection**

### **Additional information about design of technical systems:**

No further data; see item 7.

### **Components with limit values that require monitoring at the workplace:**

8002-74-2 paraffin waxes and hydrocarbon waxes

REL: 2 mg/m<sup>3</sup>

TLV: short-term value: 2 ppm

### **Additional information:**

The lists that were valid during the creation were used as basis.

### **Personal protective equipment**

#### **General protective and hygienic measures**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

Do not eat or drink while working.

Use skin protection cream for skin protection.

The usual protective measures based on the application have to be followed.

All protective equipment used shall be according to 29 CFR.1910 Subpart I Personal Protective Equipment

#### **Breathing equipment:**

Not necessary if room is well-ventilated.

Short term filter device:

Filter A

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

#### **Protection of hands:**

Wear chemically resistant protective gloves (tested according to DIN EN 374)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

After use of gloves apply skin-cleaning agents and skin cosmetics.

#### **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

#### **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Chemical safety goggles

**Body protection:** Protective work clothing.

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## **9 Physical and chemical properties:**

### **General Information**

**Form:** Pasty

**Color:** Whitish

**Odor:** Aromatic

### **Change in condition**

**Melting point/Melting range:** undetermined

**Boiling point/Boiling range:** > 130 °C

**Value/Range Unit Method**

<b>Flash point:</b>	Not applicable
<b>Auto igniting:</b>	Product is not self igniting.
<b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
<b>Explosion limits:</b>	
<b>Lower:</b>	~ 0.6 Vol %
<b>Upper:</b>	~ 8.0 Vol %
<b>Density:</b>	at 20 °C ~ 0.9 g/cm <sup>3</sup>
<b>Solubility in / Miscibility with Water:</b>	Emulsifiable
<b>pH-value:</b>	at 20 °C ~8.5-11.5 in delivery state
<b>Viscosity: dynamic:</b>	at 20 °C > 30 s
<b>Additional information</b>	VOC-Content: 198.3

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## **10 Stability and reactivity**

### **Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

**Dangerous reactions** No dangerous reactions known

### **Dangerous products of decomposition:**

In the case of fire or at high temperatures the formation of the following decomposition products is possible: Carbon monoxide and carbon dioxide

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## **11 Toxicological information**

### **Acute toxicity:**

#### **LD/LC50 values that are relevant for classification:**

No toxicity data are available for the product itself.

### **Primary irritant effect:**

**on the skin:** No irritant effect.

**on the eye:** Light irritation possible.

**Sensitization:** No sensitizing effects known.

### **Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

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## **12 Ecological information:**

### **Ecotoxicological effects:**

#### **Aquatic toxicity:**

Presently there are no ecotoxicological values available.

### **General notes:**

Danger to drinking water if even small quantities leak into the ground.

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## **13 Disposal considerations**

### **Product:**

#### **Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal according to instructions of local authorities.

**Uncleaned packagings:**

**Recommendation:**

Disposal must be made according to official regulations.  
Non contaminated packaging can be used for recycling.

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**14 Transport information**

**DOT regulations:**

**Hazard class:**

-  
No hazardous material according to the regulations

**Land transport ADR/RID (cross-border)**

**ADR/RID class:**

-  
No hazardous good according to the regulation.

**Maritime transport IMDG:**

**IMDG Class:**

-  
No hazardous material according to the regulations

**Marine pollutant:**

No

**Air transport ICAO-TI and IATA-DGR:**

**ICAO/IATA Class:**

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No hazardous material according to the regulations

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**15 Regulations**

**Carcinogen categories**

**EPA (Environmental Protection Agency)**

void

**IARC (International Agency for Research on Cancer)**

void

**NTP (National Toxicology Program)**

void

**TLV (Threshold Limit Value established by ACGIH)**

void

**MAK (German Maximum Workplace Concentration)**

void

**NIOSH-Ca (National Institute for Occupational Safety and Health)**

void

**OSHA-Ca (Occupational Safety & Health Administration)**

void

**Markings according to EU guidelines:**

The product has been classified and marked in accordance with directives on hazardous materials.

**Hazard-determining components of labelling:**

Naphtha, (petroleum), hydrodesulphurized heavy

**Risk phrases:**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
Vapours may cause drowsiness and dizziness

**Safety phrases:**

Keep out of the reach of children.  
Keep away from food, drink and animal feedingstuffs.  
Do not breathe fumes  
Avoid contact with skin.  
Do not empty into drains.  
If swallowed, seek medical advice immediately and show this container or label.

**Regulation or reporting requirements USA**

**Sara section 355**

not listed

**Sara section 313**

not listed

**Prop. 65 - Cancer**

not listed

**Prop. 65 - Repr. tox.**

not listed

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**16 Other information:**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Department issuing MSDS:**

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