

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

# Labshop

Chemicals, Restoration and Art Supplies

## O599930 Tripoli, Rotten Stone, light

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Version: 2

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### 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

*Product Name:* Tripoli, Rotten Stone, light

*Article No.:* O599930

#### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*

*Filtration additive, carrier substance, raw material for siliceous earth, additive for paints, plastics and rubber.*

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Interlabshop BV

*Address:* Lage Brink 23, 7317BD Apeldoorn The Netherlands

*Tel./Fax.:* +31(0)55-5215016

*Internet:* www.labshop.nl

*E-Mail:* labshop@labshop.nl

*Importer:*

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#### 1.4. Emergency No.

*Emergency No.:* 112 (24 hours a day)

#### 1.4.2 Poison Center:

### 2. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Possible Environmental Effects:*

#### 2.2. Label Elements

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

#### 2.3. Other Hazards

*Product contains less than 1 % of respirable cristobalite. Handling of this product (crushing, grinding) can cause airborne*

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*dust which may contain quartz.  
Frequent or repeated inhalation of airborne silicate can cause silicosis. The symptoms of silicosis are coughing and breathlessness.  
The dust level should be measured and controlled continuously.*

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**3. Composition/Information on Ingredients****3.1. Substance****3.2. Mixture**

*Chemical Characterization: Kieselguhr, calcinated*

*Information on Components / Hazardous Ingredients:*

|   |           |  |
|---|-----------|--|
| Diatomaceous earth (kieselghur), calcinated | ca. 100 % | CAS-Nr: 91053-39-3<br>EINECS-Nr: 293-303-4<br>EC-Nr: |
|---|-----------|--|

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|                                   |       |  |
|-----------------------------------|-------|--|
| Crystalline silica (cristobalite) | < 1 % | CAS-Nr: 14464-46-1<br>EINECS-Nr: 238-455-4<br>EC-Nr: |
|-----------------------------------|-------|--|

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*Additional information:*

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**4. First Aid Measures****4.1. Description of the First Aid Measures**

*General information:*

*Take affected persons out into the fresh air.*

*After inhalation:*

*Supply fresh air.*

*After skin contact:*

*Wash off with soap and water and rinse thoroughly. Treat with soothing cream. In case of complaints consult physician.*

*After eye contact:*

*Rinse open eyes with plenty of water. In case of discomfort seek medical help.*

*After ingestion:*

*Rinse mouth with water and give plenty of water to drink. Consult a physician.*

**4.2. Most important Symptoms and Effects, both Acute and Delayed**

*Symptoms:*

*Frequent inhalation of dust over a long period of time can cause dryness in the nose, throat and respiratory tract as well as coughing.*

*Swallowing small amounts of product can cause irritating effects in mouth, throat and stomach.*

*Effects:*

*No further information available.*

**4.3. Indication of any Immediate Medical Attention and special Treatment needed**

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*Treatment:**No special measures necessary. Provide fresh air.*

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**5. Fire-Fighting Measures****5.1. Extinguishing Media***Suitable extinguishing media:**Use extinguishing media for surrounding fire.**Product itself does not burn.**Unsuitable extinguishing media:**None known.***5.2. Special Hazards arising from the Substance or Mixture***Special hazards:**Product is not flammable.***5.3. Advice for Firefighters***Protective equipment:**Wear suitable protective clothing.**Wear self-contained respiratory protective device.**Further information:*

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**6. Accidental Release Measures****6.1. Personal Precautions, Protective Equipment and Emergency Procedures***Personal precautions:**Ensure adequate ventilation.**Avoid formation of dust.**Avoid contact with skin and eyes. Do not ingest or inhale.***6.2. Environmental Precautions***Environmental precautions:**No special measures required.***6.3. Methods and Material for Containment and Cleaning Up***Methods and material:**Take up mechanically.**Avoid dust formation.**Clean up by moistening product to avoid dust formation or use special vacuum cleaner.***6.4. Reference to other Sections***Protective clothing, see Section 8.**See Section 13 for information on disposal.*

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**7. Handling and Storage****7.1. Precautions for Safe Handling***Instructions on safe handling:**Provide adequate ventilation.**Avoid formation of dust. Do not inhale dust.**Hygienic measures:**Avoid contact with skin, eyes and clothing. Do not inhale dust.*

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*Wear protective gloves, clothing, eye, face protection.**Wash hands before breaks and after work.***7.2. Conditions for Safe Storage, including any Incompatibilities***Storage conditions:**Store in tightly sealed containers in a dry and cool room.**Requirements for storage areas and containers:**No special measures necessary.**Information on fire and explosion protection:**Product is not combustible.**Do not store near hydrofluoric acid.**Storage class:**Further Information:**Store in a dry place.***7.3. Specific End Use(s)***Further information:**No information available.*

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**8. Exposure Controls/Personal Protection****8.1. Parameters to be Controlled***Parameters to be controlled (DE):**TLV: 10 mg/m<sup>3</sup> inhalable fraction (general dust limit)**TLV: 1.25 mg/m<sup>3</sup> air-borne fraction (general dust limit)**Parameters to be controlled:**Italy, Portugal, Canada, USA (ACGIH): 0.025 mg/m<sup>3</sup>**Belgium, Denmark, Estonia, France, Greece, Ireland, Lithuania,**Norway, Rumania, Spain, Sweden, USA (NIOSH), Argentina,**Korea, Mexico, Peru: 0.05 mg/m<sup>3</sup>**Bulgaria: 0.07 mg/m<sup>3</sup>, The Netherlands: 0.075 mg/m<sup>3</sup>; Chile: 0.04 mg/m<sup>3</sup>**Great Britain, Finland, Slovakia, Czech Republic, Hungary,**Australia, New Zealand: 0.1 mg/m<sup>3</sup>**Austria, Luxembourg, Slovenia, Switzerland: 0.15 mg/m<sup>3</sup>; Thailand: 10 mg/m<sup>3</sup>**Derived No-Effect Level (DNEL):**Predicted No-Effect Concentration (PNEC):**Additional Information:***8.2. Exposure Controls***Technical protective measures:**Provide adequate ventilation in case of dust formation.**Personal Protection**General protective measures:*

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*Do not inhale dust. Do not eat, drink or smoke while working.  
Wash hands before breaks and at the end of work.*

*Respiratory protection:*

*Dust mask.*

*Hand protection:*

*Not required*

*Protective glove material:*

*Eye protection:*

*Recommended in case of extreme dust formation (EN 166).*

*Body protection:*

*Environmental precautions:*

*No special measures required.*

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## 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

*Form:*

*powder*

*Color:*

*yellowish-brown / pink*

*Odor:*

*odorless*

*Odor threshold:*

*No information available.*

*pH-Value:*

*7 (10% suspension)*

*Melting temperature:*

*not determined*

*Boiling temperature:*

*> 1300°C*

*Flash point:*

*not applicable*

*Evaporation rate:*

*not applicable*

*Flammability (solid, gas):*

*non-combustible*

*Upper explosion limit:*

*no information available*

*Lower explosion limit:*

*no information available*

*Vapor pressure:*

*not determined*

*Vapor density:*

*No information available.*

*Density:*

*2.2 g/cm<sup>3</sup>*

*Solubility in water:*

*< 1 %*

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*Coefficient of variation (n-Octanol/Water):*

*not determined*

*Auto-ignition temperature:*

*Product is not auto-ignitable.*

*Decomposition temperature:*

*> 1300°C*

*Viscosity, dynamic:*

*not applicable*

*Explosive properties:*

*Product does not present an explosion hazard.*

*Oxidizing properties:*

*not oxidizing*

*Bulk density:*

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

*No further information.*

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## 10. Stability and Reactivity

### 10.1. Reactivity

*Stable if used according to specifications.*

### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*None if handled and stored according to specifications.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Do not store the product together with easily flammable substances.*

*Thermal decomposition:*

*No decomposition.*

### 10.5. Incompatible Materials

*Hydrogen fluoride*

### 10.6. Hazardous Decomposition Products

*None known.*

### 10.7. Further Information

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**11. Toxicological Information****11.1. Information on Toxicological Effects***No information available.**Acute Toxicity**LD50, oral:**LD50, dermal:**LC50, inhalation:**Primary effects**Irritant effect on skin:**Non irritating**Irritant effect on eyes:**Slight irritant effect**Inhalation:**No information available.**Ingestion:**No information available**Sensitization:**No sensitizing effects known.**Mutagenicity:**No relevant data found.**Reproductive toxicity:**No information available.**Carcinogenicity:**No negative effects.**Teratogenicity:**No information available.**Specific target organ toxicity (STOT):**No relevant data found.**Additional toxicological information:**Frequent or repeated inhalation of airborne quartz powder (crystalline silicate) can cause silicosis.**The IARC (International Agency for Research on Cancer) notes that crystalline SiO<sub>2</sub> which is inhaled at the working place can cause pulmonary cancer.**Persons who already are suffering from silicosis have a higher cancer risk. The symptoms of silicosis are coughing and breathlessness. The dust level should be measured and controlled continuously.**However, they further note that it does not apply for all working places and not all types of crystalline SiO<sub>2</sub> (IARC-Monographs, 1997, Vol. 68).**It can therefore be concluded that the risk of cancer can be reduced by avoiding silicosis (SCOEL SUM Doc 1994-final, June*

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*2003).**The dust level should be measured and controlled continuously.*

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**12. Ecological Information****12.1. Aquatic Toxicity***No toxicity expected.**Fish toxicity:**Daphnia toxicity:**Bacteria toxicity:**Algae toxicity:***12.2. Persistency and Degradability***No information available.***12.3. Bioaccumulation***No bioaccumulation expected.***12.4. Mobility***Weak mobility.***12.5. Results of PBT- und vPvP Assessment***Not applicable for inorganic substances.***12.6. Other Adverse Effects***Water hazard class:**Not hazardous.**Behaviour in sewage systems:**Further ecological effects:**AOX Value:*

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**13. Disposal Considerations****13.1. Waste Treatment Methods***Product:**Dispose of according to official national and local regulations.  
Recover or recycle if possible.**European Waste Code (EWC):**Uncleaned packaging:**Dispose of according to official local regulations.**Waste Code No.:*

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**14. Transport Information****14.1. UN Number***ADR, IMDG, IATA***14.2. UN Proper Shipping Name***ADR/RID:**No hazardous goods according to ADR (land transportation).**IMDG/IATA:*

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*No hazardous goods according to IMDG.*

### 14.3. Transport Hazard Classes

*ADR Class:*

*not applicable*

*Hazard no.:*

*Classification code:*

*Tunnel restriction code:*

*IMDG Class (sea):*

*Hazard no.:*

*EmS No.:*

*IATA Class:*

*not applicable*

*Hazard no.:*

### 14.4. Packaging Group

*ADR/RID:*

*not applicable*

*IMDG:*

*IATA:*

### 14.5. Environmental Hazards

*None*

### 14.6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

### 14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

*not applicable*

### 14.8. Further Information

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## 15. Regulatory Information

### 15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

*Water hazard class:*

*0, not hazardous (German Regulation)*

*Local regulations on chemical accidents:*

*Employment restrictions:*

*Restriction and prohibition of application:*

*Technical instructions on air quality:*

### 15.2. Chemical Safety Assessment

*A Chemical Safety Assessment has not been carried out for this product.*

### 15.3. Further Information

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## 16. Other Information

*This product should be stored, handled and used in accordance  
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*with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*