

# Safety Data Sheet

according to 1907/2006/EC, Article 31



Printing date 04.10.2010

Revision: 04.10.2010

## 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** **KEIM Steinreiniger-N**
- **Application of the substance / the preparation** Cleaning agent/ Detergent
- **Manufacturer/Supplier:**  
KEIM MINERAL PAINTS LTD  
Santok Building  
Deer Park Way  
Donnington Wood  
Telford  
Shropshire  
TF2 7NA  
United Kingdom  
Tel: +44 1952 231250  
Fax: +44 1952 231251  
Url: <http://www.keimpaints.co.uk>
- **Further information obtainable from:**  
David Pratt  
Telefon: +44 1952 231250  
E-Mail: [sales@keimpaints.co.uk](mailto:sales@keimpaints.co.uk)
- **Information in case of emergency:**  
GBK Gefahrgut Büro GmbH  
Emergency number: +49(0)6132/84463

## 2 Hazards identification

- **Hazard description:** not applicable
- **Information concerning particular hazards for human and environment:**  
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Surfactant mixture
- **Dangerous components:** Void

## 4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Immediately rinse with water.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. Then consult a doctor.

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- **After swallowing:**  
Rinse mouth and throat well with water.  
Do not induce vomiting; call for medical help immediately.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**  
In case of fire, the following can be released:  
carbon oxide (CO<sub>x</sub>)
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**  
Cool endangered receptacles with water spray.  
In case of fire do not breath smoke, fumes and vapours.  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### 6 Accidental release measures

- **Person-related safety precautions:**  
Respect the protection rules (see section 7 a. 8).  
Particular danger of slipping on leaked/spilled product.
- **Measures for environmental protection:**  
Do not allow product to reach soil, sewage system or any water course.  
Follow local governmental rules and regulations.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of the material collected according to regulations.  
Clear contaminated areas thoroughly.
- **Additional information:** No dangerous substances are released.

### 7 Handling and storage

- **Handling:**
- **Information for safe handling:**  
Ensure good ventilation/exhaustion at the workplace.  
See item 8 for information about suitable protective equipment and technical precautions.  
Respect the protection rules.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store only in the original receptacle.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Protect from frost.

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· **Storage class:** 10

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Avoid contact with the eyes and skin.  
Do not inhale aerosols.  
Immediately remove all soiled and contaminated clothing
- **Respiratory protection:**  
Use suitable respiratory protective device only when aerosol or mist is formed.  
Combination filter A/P
- **Protection of hands:** Protective gloves
- **Material of gloves**  
suitable material e.g.:  
Nitrile impregnated cotton-gloves  
Nitrile rubber, NBR  
Recommended thickness of the material:  $\geq 0.4$  mm  
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**  
Value for the permeation: Level  $\geq 6$  (480 min)  
The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.
- **Eye protection:** Tightly sealed goggles
- **Body protection:** Protective work clothing

### 9 Physical and chemical properties

#### · General Information

<b>Form:</b>	Fluid
<b>Colour:</b>	transparent green
<b>Odour:</b>	Characteristic

#### · Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.

· <b>Flash point:</b>	Not applicable.
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· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
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#### · Explosion limits:

<b>Oxidizing properties</b>	Not applicable
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· <b>Vapour pressure:</b>	Not determined
· <b>Density at 20°C:</b>	1* g/cm <sup>3</sup>
· <b>Vapour density</b>	Not applicable
· <b>Evaporation rate</b>	Not applicable
· <b>Solubility in / Miscibility with water:</b>	miscible
· <b>pH-value at 20°C:</b>	7.1*
· <b>Segregation coefficient (n-octanol/water):</b>	Not applicable
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined
· <b>Additional information:</b>	* The values are for freshly produced material and may change with the time.

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Materials to be avoided:**
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:**  
In case of fire, the following can be released:  
carbon oxide (CO<sub>x</sub>)  
No hazardous decomposition products if stored and handled as prescribed.

### 11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values relevant for classification:** Not determined
- **Primary irritant effect:**
- **on the skin:**  
Frequent persistent contact with the skin may cause skin irritation.  
Has de-greasing effect on the skin.
- **on the eye:** In case of longer exposure, slightly irritating effect is possible.
- **during swallowing:** Irritant effect possible
- **Sensitization:** No sensitizing effects known.
- **Other information (about experimental toxicology):**  
Experimental analysis are not available.
- **Additional toxicological information:**  
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.  
The substance is not subject to classification according to the latest version of the EU lists.

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### 12 Ecological information

- **Additional ecological information:**
- **AOX-indication:**  
Due to the substance of content which do not include organic jointed halogens, the product can not take influence on the AOX-load of the waste water.
- **According to the formulation contains the following heavy metals and compounds from the EU guideline NO. 76/464 EC:**  
According to our current data base the product does not consist of any heavy metals or substances of EU-directives 76/464/EWG.
- **General notes:**  
At present there are no ecotoxicological assessments.  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

### 13 Disposal considerations

- **Product:**
  - **Recommendation** Disposal must be made according to official regulations.
- |   |
|---|
| · <b>European waste catalogue</b>         |
| 07 06 99   wastes not otherwise specified |
- **Uncleaned packaging:**
  - **Recommendation:** Disposal must be made according to official regulations.
  - **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### 14 Transport information

- |  |
|--|
| · <b>Land transport ADR/RID (cross-border)</b> |
| · <b>ADR/RID class:</b> -                      |
- |                                   |
|-----------------------------------|
| · <b>Maritime transport IMDG:</b> |
| · <b>IMDG Class:</b> -            |
- |  |
|--|
| · <b>Air transport ICAO-TI and IATA-DGR:</b> |
| · <b>ICAO/IATA Class:</b> -                  |
- **Transport/Additional information:**  
No dangerous good in sense of these transport regulations.

### 15 Regulatory information

- **Labelling according to EU guidelines:**  
The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.  
Observe the general safety regulations when handling chemicals.

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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:** Product safety department
- **Contact:** Mrs. Popescu

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