

Safety Data Sheet according to HPR, Schedule 1

Printing date 04/02/2019

Reviewed on 04/02/2019

1 Identification

- **Product identifier**
- **Trade name:** Okatmos UG 30
- **Application of the substance / the mixture** Priming
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** **Kiesel Bauchemie GmbH & Co. KG**
Wolf-Hirth-Str. 2
D-73730 Esslingen
Germany
E-Mail:
info.canada@kiesel.com
info.usa@kiesel.com
- **Information department:** **Laboratory, departments of enviromental protection and labor protection**
- **Emergency telephone number:** **ChemTel Expert Assiatance Hotline 800-255-2824**

2 Hazard identification

- **Classification of the substance or mixture** **The product is not classified, according to the Globally Harmonized System (GHS).**

- **Label elements**
- **GHS label elements** **Void**
- **Hazard pictograms** **Void**
- **Signal word** **Void**
- **Hazard statements** **Void**
- **CARCINOGENICITY:** **contains quartz dust in the bound state. When grinding of hardened material may result in the formation of quartz dust. Quartz: Confirmed carcinogenwith experimental carcinogenic, tumorigenic and neoplastigenic data. Human systemic effects by inhalation include: cough and dypsnea. Causes liver effects. IARC Group 1 (carcinogenic to humans).**
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**

0	0	0
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Health = 0
Fire = 1
Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**

HEALTH 0	FIRE 1	REACTIVITY 0
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Health = 0
Fire = 1
Reactivity = 0

3 Composition/Information on ingredients

- **Composition/Information on ingredients**

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- **Chemical characterization:** *Mixtures*
- **Description:** *Dispersion based on a styrene-acrylate copolymer with additives.*

- **Dangerous components:**

CAS: 14808-60-7	Quarz  Carcinogenicity - Category 1A, H350	5-10% w/w *
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- **Additional information:** ** Actual concentration ranges are withheld as a trade secret. Mixture is not dangerous because silica (CAS: 14808-60-7) is bound. For the wording of the listed hazard phrases refer to section 16.*

4 First aid measures

- **Description of 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. Generally the product does not irritate the skin.*
- **After eye contact:** *Rinse opened eye for several minutes under running water.*
- **After swallowing:** *If symptoms persist consult doctor.*
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** *No further relevant information available.*
- **Indication of any immediate medical attention and special treatment needed** *No further relevant information available.*

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** *Use fire fighting measures that suit the environment.*
- **Special hazards arising from the substance or mixture** *During heating or in case of fire poisonous gases are produced. No further relevant information available.*
- **Advice for firefighters**
- **Protective equipment:** *Wear non-circulation breathing equipment and chemical-protective clothing. Do not inhale explosion gases or fire fumes.*

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** *Not required.*
- **Environmental precautions:** *Dilute with plenty of water.*
- **Methods and material for containment and cleaning up:** *Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).*
- **Reference to other sections** *No dangerous substances are released.*

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See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** None.
- **Specific end use(s):** No further relevant information available.

8 Exposure controls/ Personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
- **Additional information:** If the mixture is sprayed or sanded, quartz dust may form. Quartz-containing dust can cause cancer. Please wear personal protective equipment (respiratory protection).
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
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
- **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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **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.

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· Eye protection:

Goggles recommended during refilling.

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9 Physical and chemical properties

· Information on basic physical and chemical properties

· Appearance:

Form:

Fluid

Color:

Blue

· Odor:

Nearly odorless

· Odor threshold:

Not determined.

· pH-value at 20 °C:

7-8

· Change in condition

Melting point/Melting range:

0 °C

Boiling point/Boiling range:

100 °C

· Flash point:

Not applicable.

· Flammability (solid, gaseous):

Not applicable.

· Decomposition temperature:

Not determined.

· AUTO IGNITION:

Not self igniting

· Danger of explosion:

Product does not present an explosion hazard.

· Explosion limits:

Lower:

Not determined.

Upper:

Not determined.

· Vapor pressure:

Not determined.

· Density at 20 °C:

1.2 g/cm³

· Relative density

Not determined.

· Vapor density

Not determined.

· Evaporation rate

Not determined.

· Solubility in / Miscibility with

Water:

Fully miscible.

· Partition coefficient (n-octanol/water): Not determined.

· Viscosity:

Dynamic at 20 °C:

100 mPas

Kinematic:

Not determined.

· Solvent content:

Organic solvents:

0.4 %

VOC-Content

0.00 %

0.0 g/l / 0.00 lb/gal

· Other information

The physical data are average values.

10 Stability and reactivity

· Reactivity

No further relevant information available.

· Chemical stability

· Thermal decomposition /

conditions to be avoided:

No decomposition if used according to specifications.

· Possibility of hazardous reactions

No dangerous reactions known.

· Conditions to avoid

No further relevant information available.

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- **Incompatible materials:** *No further relevant information available.*
- **Hazardous decomposition products:** *No dangerous decomposition products known.*

* 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** *No irritant effect.*
- **on the eye:** *No irritating effect.*
- **Sensitization:** *Contains a sensitizing substance. May cause allergic reactions.*
- **Additional toxicological information:** *The product is not subject to classification according to internally approved calculation methods for preparations: 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.*

- **Carcinogenic categories**

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

CAS: 14808-60-7 Quarz	1
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- **NTP (National Toxicology Program)**

CAS: 14808-60-7 Quarz	K
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* 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** *No further relevant information available.*
- **Persistence and degradability** *No further relevant information available.*
- **Behavior in environmental systems:**
- **Bioaccumulative potential** *No further relevant information available.*
- **Mobility in soil** *No further relevant information available.*
- **Additional ecological information:**
- **General notes:** *Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.*
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*
- **Other adverse effects** *No further relevant information available.*

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** *Disposal in accordance with official regulations*
- **Uncleaned packagings:**
- **Recommendation:** *Disposal must be made according to official regulations.*

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- **Recommended cleansing agent:** **Water, if necessary with cleansing agents.**

14 Transport information

· UN-Number	Void
· DOT/TDG, ADR, ADN, IMDG, IATA	Void
· UN proper shipping name	Void
· DOT/TDG, ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es)	
· DOT, ADR, ADN, IMDG, IATA	
· Class	Void
· Packing group	
· DOT/TDG, ADR, IMDG, IATA	Void
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

- Section 355 (extremely hazardous substances):

None of the ingredient is listed.

- Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

- TSCA (Toxic Substances Control Act):

CAS: 14808-60-7	Quarz	ACTIVE
CAS: 1302-78-9	Baubentonit	ACTIVE
CAS: 29911-28-2	Dipropylenglykolmonobutylether	ACTIVE
CAS: 94-28-0	2,2-Ethylendioxydiethyl bis(2-ethylhexanoat)	ACTIVE
CAS: 7732-18-5	Wasser	ACTIVE

- MAK (German Maximum Workplace Concentration)

CAS: 14808-60-7	Quarz	1
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- GHS label elements Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void

- National regulations:
- Other regulations, limitations and prohibitive regulations

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