

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Okatmos UG 30

CHEMICAL FAMILY: Aqueous dispersion of polymers and auxiliaries

PRODUCT USE: Industrial cement additive

MANUFACTURER:

Kiesel Bauchemie
Wolf-Hirth-Str.3
73730 Esslingen
Germany

EMERGENCY TELEPHONE NUMBERS:

011 49 711-93134-134, During normal business hours, Central European Time
011 49 61432 84463, GBK Gefahrgut Büro GmbH, 24 hours

2. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

EMERGENCY OVERVIEW: CAUTION! HARMFUL IF SWALLOWED.

ROUTE(S) OF ENTRY: Skin and eye contact with liquid.

Appearance/odor: White liquid, odorless

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:

None known. May be harmful if swallowed.

CARCINOGENICITY:

NTP: Yes (Crystalline quartz), IARC: Yes (Crystalline quartz), OSHA: No
California Proposition 65: Yes (Crystalline silica)

This material is considered hazardous by the OSHA Hazard Communication Standard. (29CFR1910.1200).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all information required by the CPR.

WHMIS Classification: Class D2A and D2B



3. COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS#	% By Wt.
Crystalline Quartz	14808-60-7	>2.5 – <50

4. FIRST AID MEASURES:

SKIN: Remove contaminated clothing and shoes. Wash with soap or mild detergent and large amounts of water. Do not use solvents or thinners. Get medical attention if irritation occurs.

EYES: Hold eyes open and flush for at least 15 minutes with large amounts of water. Seek medical attention if irritation occurs.

INGESTION: Do not induce vomiting. Give two glasses of water to dilute stomach contents. Never give anything by mouth to an unconscious person. Consult physician immediately.

INHALATION: There is no known inhalation hazard.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Product is not flammable. Use extinguishing agents appropriate for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Overheating of product may result in formation of toxic gases. Use self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

SPILL AND LEAK PROCEDURES: Collect spills onto inert absorbent and place in suitable containers.

7. HANDLING AND STORAGE

STORAGE: Store closed containers. Protect from freezing. Keep away from food.

HANDLING: Avoid skin and eye contact. Do not eat, drink or smoke in application area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

Component	CAS#	Exposure Limits
Crystalline Quartz R=Respirable fraction	14808-60-7	0.025 mg/m ³ R ACGIH

ENGINEERING CONTROLS: No special controls required.

RESPIRATORY PROTECTION: Not required.

SKIN PROTECTION: Clothing suitable to avoid skin contact. Use rubber gloves.

EYE PROTECTION: Safety goggles with side shields.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM:	Liquid
COLOR:	White
ODOR:	Practically odorless
FLASH POINT:	NA
AUTO IGNITION POINT:.....	Not self igniting
VAPOR PRESSURE:	23 mbar @ 25°C
BOILING POINT:	>212 °F (100°C)
DENSITY:	1.040 g/cm ³
SOLUBILITY IN WATER:.....	Fully miscible
VISCOSITY, Dynamic @ 23°C:.....	Approx. 40 mPas (Brookfield)
pH:	7.0 to 8.0
% VOLATILE (by weight):.....	59 %
VOC-EC1* CONTENT:.....	<100 ug/m ³ (VOC-Content 0.0 g/l)
* EMICODE EC 1	

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce toxic gases.

POLYMERIZATION: Will not occur under regular conditions of use.

INCOMPATIBILITIES: Avoid strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

See Section 3 – Human Effects and Symptoms of Overexposure.

Crystalline quartz is considered a human carcinogen by inhalation exposure.

Although ACGIH and OSHA exposure limits are established, this product is sold as a liquid preparation and when used as intended does not generate dust. Thus the product as such does not pose a respiration hazard attributable to this component.

12. ECOLOGICAL INFORMATION

Avoid contamination of ground water or waterways.
Do not discharge into sewer systems.

13. DISPOSAL CONSIDERATIONS

Incinerate or dispose of in accordance with Federal, State or Local regulations.

14. TRANSPORT INFORMATION

TDG/DOT SHIPPING NAME: Not regulated

15. REGULATORY INFORMATION

All components of this product are on the TSCA Inventory.

SARA Title III:

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

Note: Entries under this section cover only those regulations typically addressed in the MSDS generating process, such as, TSCA, and EPCRA/SARA Title III.

16. OTHER INFORMATION

HAZCOM / WHMIS LABEL:

CAUTION! HARMFUL IF SWALLOWED.

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Version 4, updates format to conform to the American National Standard, ANSI Z400.1-2004

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

Version 1, October 7, 2001
Version 2, August 4, 2004
Version 3, March 12, 2007
Version 4, December 20, 2010

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