


Kiesel
 klebt am Bau®

Date of Issue: 02/23/2026

Safety Data Sheet

according to HPR, Schedule 1

Version number 20

Revision: 02/23/2026

1 Identification

- Product identifier
- Trade name: Okatmos DSG
- 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

**GHS07**

Sensitization - skin – Category 1 H317 May cause an allergic skin reaction.

- Label elements

- GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

- Hazard pictograms

**GHS07**

- Signal word

Warning

- Hazard-determining components of labeling:

- Hazard statements

- Precautionary statements

3-Iod-2-propinylbutylcarbamate

May cause an allergic skin reaction.

Keep out of reach of children.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves.

IF ON SKIN: Wash with plenty of water.

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- **CARCINOGENICITY:**

contains quartz dust in the bound state.

When grinding of hardened material may result in the formation of quartz dust.

Quartz: Confirmed carcinogen with experimental carcinogenic, tumorigenic and neoplastigenic data. Human systemic effects by inhalation include: cough and dyspnea. Causes liver effects. IARC Group 1 (carcinogenic to humans).

- Information pertaining to particular dangers for man and environment:

- Classification system:

- NFPA ratings (scale 0 - 4)

**Health = 0****Fire = 1****Reactivity = 0**

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· HMIS-ratings (scale 0 - 4)



Health = *0

Fire = 1

Reactivity = 0

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3 Composition/Information on ingredients

- Composition/Information on ingredients
- Chemical characterization: Mixtures

· Dangerous components:

CAS: 14808-60-7	Quarz Consisting of: 14808-60-7 Quarz (>98%); 14808-60-7 Quarz (Feinfraktion) (1-10%) ⚠ Carcinogenicity - Category 1A, H350
CAS: 64-17-5	Ethanol 99% ig ⚠ Flammable liquids – Category 2, H225 ⚠ Carcinogenicity - Category 1A, H350
CAS: 55406-53-6	3-Iod-2-propinylbutylcarbamate ⚠ Acute Toxicity (Inhalation) - Category 3, H331 ⚠ Specific target organ toxicity (repeated exposure) – Category 1, H372 ⚠ Eye damage/irritation – Category 1, H318 ⚠ Acute Toxicity (Oral) - Category 4, H302; Sensitization - skin – Category 1, H317

- Additional information: Mixture is not labeled as carcinogenic because silica (CAS: 14808-60-7) is bound
 CAS: 14808-60-7 Quarz : This substance is firmly incorporated into the matrix in this product and therefore does not contribute to the labelling.
 For the wording of the listed hazard phrases refer to section 16.

4 First-aid measures

· Description of first aid measures

- General information: If you feel unwell, seek medical advice.
- After inhalation: Supply fresh air and to be sure call for a doctor.
 In case of unconsciousness place patient stably in side position for transportation.
 Seek medical treatment in case of complaints.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: rinse out mouth
 If swallowed, seek medical advice immediately and show this container or label.
- 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.

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5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** CO₂, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **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).
Dispose contaminated material as waste according to section 13.
- **Reference to other sections** 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

- **Precautions for safe handling** 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:** Not required
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

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8 Exposure controls/ Personal protection

- Control parameters

- Components with limit values that require monitoring at the workplace:

CAS: 64-17-5 Ethanol 99% ig

EL (Canada) STEL: 1000 ppm

EV (Canada) TWA: 1,900 mg/m³, 1,000 ppmPEL (USA) TWA: 1900 mg/m³, 1000 ppmREL (USA) TWA: 1900 mg/m³, 1000 ppmTLV (USA) STEL: 1880 mg/m³, 1000 ppm
A3

- 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

- Appropriate engineering controls

No further data; see section 7.

- Personal protective equipment:

- General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

- Breathing equipment:

Suitable respiratory protection for low concentrations or short-term exposure: particle filter EN 143 type P2 (medium retention capacity (solid and liquid pollutant particles))

- Protection of hands:

Protective gloves

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

Rubber gloves

- Material of gloves

- 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:

Goggles recommended during refilling.

9 Physical and chemical properties

- Information on basic physical and chemical properties

- Physical state

Liquid

- Color:

Red

- Odor:

Characteristic

- Odor threshold:

Not determined

- Melting point/Melting range:

0 °C

- Boiling point/Boiling range:

100 °C

- Flammability:

Not applicable

- Explosion limits:

- Lower:

Not determined

- Upper:

Not determined

- Flash point:

>100 °C

- Decomposition temperature:

Not determined

- pH-value at 20 °C:

7.5-8.5

- Viscosity:

- Kinematic:

Not determined

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· Dynamic at 20 °C:	0.952 mPas
· Solubility in / Miscibility with	
· Water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined
· Vapor pressure at 20 °C:	23 hPa
· Vapor pressure:	
· Density at 20 °C:	1.1 g/cm³
· Relative density	Not determined
· Vapor density	Not determined
· Particle characteristics	Not applicable
· Other information	
· Appearance:	
· Form:	Fluid
· AUTO IGNITION:	Not self igniting
· Danger of explosion:	Product does not present an explosion hazard.
· Solvent content:	
· Organic solvents:	≥0-<0.2 %
· Water:	53.7 %
· VOC-Content	≥0.03-<0.15 %
	1.7 g/l / 0.01 lb/gal
· Solids content:	8.1 %
· Volatile Organic Compounds	≥0.8-<4 g/l
	≥0.03-<0.15 %
· Change in condition	
· Evaporation rate	Not determined

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

11 Toxicological information

· Information on toxicological effects	
· Acute toxicity:	
· LD/LC50 values that are relevant for classification:	
· CAS: 64-17-5 Ethanol 99% ig	
· Dermal LD50	>4,000 mg/kg (Rabbit)
· Primary irritant effect:	
· on the skin:	No irritant effect.
· on the eye:	No irritating effect.
· Sensitization:	Sensitizing effect by skin contact is possible with prolonged exposure.
	Sensitization possible through skin contact.

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· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

· **Carcinogenic categories**

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

CAS: 9003-53-6	Polystyrol	3
CAS: 14808-60-7	Quarz	1
CAS: 64-17-5	Ethanol 99% ig	1

· **NTP (National Toxicology Program)**

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

· **Toxicity**

· **Aquatic toxicity:**

CAS: 64-17-5 Ethanol 99% ig	
LC 50 (96h)	11,200-13,000 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

· **Persistence and degradability** No further relevant information available.

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable

· **vPvB:** Not applicable

· **Other adverse effects**

· **Additional ecological information:**

· **General notes:** Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:** Disposal in accordance with official regulations

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agent:**

Water, if necessary with cleansing agents.

14 Transport information

· **UN-Number**

· **DOT/TDG, ADR, ADN, IMDG, IATA** Void

· **UN proper shipping name**

· **DOT/TDG, ADR, ADN, IMDG, IATA** Void

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· Transport hazard class(es)	
· DOT/TDG, ADR, ADN, IMDG, IATA	
· Class	Void
· Packing group	
· DOT/TDG, ADR, IMDG, IATA	Void
· Environmental hazards:	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.
· Special precautions for user	Not applicable
· 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):

CAS: 55406-53-6 3-Iod-2-propinylbutylcarbamate

- TSCA (Toxic Substances Control Act):

CAS: 7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
CAS: 9003-53-6	Polystyrol	ACTIVE
CAS: 14808-60-7	Quarz	ACTIVE
CAS: 64-17-5	Ethanol 99% ig	ACTIVE
CAS: 55406-53-6	3-Iod-2-propinylbutylcarbamate	ACTIVE

- MAK (German Maximum Workplace Concentration)

CAS: 14808-60-7	Quarz	1
CAS: 64-17-5	Ethanol 99% ig	5

- Per- and polyfluoroalkyl substances (PFAS)

None of the ingredients is listed.

- GHS label elements
- The product is classified and labeled according to the Globally Harmonized System (GHS).

- Hazard pictograms



GHS07

- Signal word

Warning

- Hazard-determining components of labeling:
- Hazard statements
- Precautionary statements

3-Iod-2-propinylbutylcarbamate
 May cause an allergic skin reaction.
 Keep out of reach of children.
 Contaminated work clothing should not be allowed out of the workplace.
 Wear protective gloves.
 IF ON SKIN: Wash with plenty of water.

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- If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
Dispose of contents/container in accordance with local/
regional/national/international regulations.**
- **National regulations:**
 - **Information about limitation of use:**

**Employment restrictions concerning young persons must be observed.
Employment restrictions concerning pregnant and lactating women must be observed.**
 - **Other regulations, limitations and prohibitive regulations**

According to GEV test method classified as very low emission with EMICODE EC 1 Plus
 - **Chemical safety assessment:** **A Chemical Safety Assessment has not been carried out.**

16 Other information

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, or reliance in this information, nor do we guarantee its accuracy or completeness.

- **Relevant phrases**

**H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H331 Toxic if inhaled.
H350 May cause cancer.
H372 Causes damage to organs through prolonged or repeated exposure.**
- **Date of previous version** **09/14/2023**
- **Version number of previous version:** **19**
- **Date of preparation** **02/23/2026**
- **Abbreviations and acronyms:**

**IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative**
- *** Data compared to the previous version altered.**

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