


Kiesel
 klebt am Bau®

Date of Issue: 02/23/2026

Safety Data Sheet

acc. to OSHA HCS

Reviewed on 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(s) identification

- Classification of the substance or mixture

**GHS07**

Sensitization - skin 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.

Contaminated work clothing must 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**

- HMIS-ratings (scale 0 - 4)

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

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· Classification according to (d)(1)(ii) of § 1910.1200

The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

· Hazards not otherwise classified

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

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%)
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 Carcinogenicity 1A, H350

CAS: 64-17-5	Ethanol 99% ig
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 Flammable liquids 2, H225

 Carcinogenicity 1A, H350

CAS: 55406-53-6	3-Iod-2-propinylbutylcarbamate
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 Acute toxicity - inhalation 3, H331

 Specific target organ toxicity (repeated exposure) 1, H372

 Eye damage 1, H318

 Acute toxicity - oral 4, H302; Sensitization - skin 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.

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· Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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:
· Special hazards arising from the substance or mixture

Water with full jet

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.

· Protective Action Criteria for Chemicals

· PAC-1:

CAS: 9003-53-6	Polystyrol	85 mg/m ³
CAS: 14808-60-7	Quarz	0.075 mg/m ³
CAS: 64-17-5	Ethanol 99% ig	1800? ppm
CAS: 55406-53-6	3-Iod-2-propinylbutylcarbamate	0.116 mg/m ³

· PAC-2:

CAS: 9003-53-6	Polystyrol	550 mg/m ³
CAS: 14808-60-7	Quarz	8.3 mg/m ³
CAS: 64-17-5	Ethanol 99% ig	3300? ppm
CAS: 55406-53-6	3-Iod-2-propinylbutylcarbamate	49 mg/m ³

· PAC-3:

CAS: 9003-53-6	Polystyrol	4700 mg/m ³
CAS: 14808-60-7	Quarz	50 mg/m ³
CAS: 64-17-5	Ethanol 99% ig	15000* ppm
CAS: 55406-53-6	3-Iod-2-propinylbutylcarbamate	290 mg/m ³

· Reference to other sections

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

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See Section 13 for disposal information.

7 Handling and storage

- ~~Information about 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.

8 Exposure controls/personal protection

- Control parameters
- Components with limit values that require monitoring at the workplace:
The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

CAS: 64-17-5 Ethanol 99% ig

PEL	Long-term value: 1900 mg/m ³ , 1000 ppm
REL	Long-term value: 1900 mg/m ³ , 1000 ppm
TLV	Short-term value: 1880 mg/m ³ , 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.

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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

· Physical state	Liquid
· Color:	Red
· Odor:	Characteristic
· Odor threshold:	Not determined
· Melting point/Melting range:	0 °C (32 °F)
· Boiling point/Boiling range:	100 °C (212 °F)
· Flammability:	Not applicable
· Explosion limits:	
· Lower:	Not determined
· Upper:	Not determined
· Flash point:	>100 °C (>212 °F)
· Decomposition temperature:	Not determined
· pH-value at 20 °C (68 °F):	7.5-8.5
· Viscosity:	
· Kinematic:	Not determined
· Dynamic at 20 °C (68 °F):	0.952 mPas
· Solubility in / Miscibility with	
· Water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined
· Vapor pressure at 20 °C (68 °F):	23 hPa (17.3 mm Hg)
· Vapor pressure:	
· Density at 20 °C (68 °F):	1.1 g/cm ³ (9.1795 lbs/gal)
· 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.

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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:**
- **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.
- **Additional toxicological information:** The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
- **Interactive effects** No interactive effects between components are known.
- **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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- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.	
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- **Alternative sources for toxicological information** No non-standard sources for toxicological information where used.

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

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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 | Void |
| · DOT, ADR, ADN, IMDG, IATA | Void |
| · UN proper shipping name | Void |
| · DOT, ADR, ADN, IMDG, IATA | Void |
| · Transport hazard class(es) | Void |
| · DOT, ADR, ADN, IMDG, IATA | Void |
| · Class | Void |
| · Packing group | Void |
| · DOT, 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

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

ACTIVE

· Hazardous Air Pollutants

None of the ingredients is listed.

· Proposition 65

· Chemicals known to cause cancer:

CAS: 14808-60-7 Quarz

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

CAS: 64-17-5 Ethanol 99% ig

· New Jersey Right-to-Know List:

CAS: 14808-60-7 Quarz

CAS: 64-17-5 Ethanol 99% ig

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

· New Jersey Special Hazardous Substance List:

CAS: 14808-60-7 Quarz

CA

CAS: 64-17-5 Ethanol 99% ig

CA, MU, TE, F3

· Pennsylvania Right-to-Know List:

CAS: 14808-60-7 Quarz

CAS: 64-17-5 Ethanol 99% ig

· Pennsylvania Special Hazardous Substance List:

None of the ingredients is listed.

· Cancerogenity categories

· EPA (Environmental Protection Agency)

None of the ingredients is listed.

· TLV (Threshold Limit Value)

CAS: 14808-60-7 Quarz

A2

CAS: 64-17-5 Ethanol 99% ig

A3

· MAK (German Maximum Workplace Concentration)

CAS: 14808-60-7 Quarz

1

CAS: 64-17-5 Ethanol 99% ig

5

· NIOSH-Ca (National Institute for Occupational Safety and Health)

CAS: 14808-60-7 Quarz

· 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:

3-Iod-2-propinylbutylcarbamate

· Hazard statements

May cause an allergic skin reaction.

· Precautionary statements

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

Wear protective gloves.

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- 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.
- **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 SDS 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 SDS 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.

- **Department issuing SDS:** **Health protection and safety**
- **Date of previous version** **08/07/2025**
- **Version number of previous version:** **19**
- **Date of preparation** **02/23/2026**
- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
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
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Flammable liquids 2: Flammable liquids – Category 2
Acute toxicity - oral 4: Acute toxicity – Category 4
Acute toxicity - inhalation 3: Acute toxicity – Category 3
Eye damage 1: Serious eye damage/eye irritation – Category 1
Sensitization - skin 1: Skin sensitisation – Category 1
Carcinogenicity 1A: Carcinogenicity – Category 1A
Specific target organ toxicity (repeated exposure) 1: Specific target organ toxicity (repeated exposure) – Category 1
- *** Data compared to the previous version altered.**