

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 21.04.2020

Version number 22

Revision: 21.04.2020



SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier
- Trade name Okatmos EN 30
- UFI: Q390-T0X5-M00F-XKV4
- 1.2 Relevant identified uses of the substance or mixture and uses advised against none
- Sector of Use SU21 Consumer uses: Private households / general public / consumers
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- Application of the substance / the mixture Adhesives
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier: Kiesel Bauchemie GmbH & Co. KG
Wolf-Hirth-Str. 2

D-73730 Esslingen

Tel.:+49(0)711/93134-0
Fax:+49(0)711/93143-140
E-Mail: sida@kiesel.com
- Informing department: Laboratory, departments of environmental protection and labor protection
- 1.4 Emergency telephone number: Poison Information Center Freiburg Tel.: +49(0)761/ 19240
(24h German and English)

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
-  **GHS07**
Skin Sens. 1 H317 May cause an allergic skin reaction.
- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.
- Hazard pictograms 
GHS07
- Signal word Warning
- Hazard-determining components of labelling: 2-methyl-2H-isothiazol-3-one
1,2-Benzisothiazol-3(2H)-on
- Hazard statements H317 May cause an allergic skin reaction.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.04.2020

Version number 22

Revision: 21.04.2020

Trade name Okatmos EN 30

(Contd. of page 1)










- **Precautionary statements**
 - P102** Keep out of reach of children.
 - P261** Avoid breathing dust/fume/gas/mist/vapours/spray.
 - P280** Wear protective gloves.
 - P302+P352 IF ON SKIN: Wash with plenty of water.**
 - P333+P313 If skin irritation or rash occurs: Get medical advice/attention.**
 - P362+P364 Take off contaminated clothing and wash it before reuse.**
 - P501** Dispose of contents/container in accordance with local/regional/national/international regulations.
- **2.3 Other hazards**

This mixture does not contain a substance considered to be persistent, bioaccumulative or toxic (PBT) becomes. This mixture does not contain a substance which is considered to be very persistent or very bioaccumulative (vPvB) (If not mentioned in section 3).
- **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Adhesive.

- **Dangerous components:**

CAS: 1336-21-6	ammonia, aqueous solution  Skin Corr. 1B, H314  Aquatic Acute 1, H400	<0.25%
CAS: 2682-20-4	2-methyl-2H-isothiazol-3-one  Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330  Skin Corr. 1B, H314; Eye Dam. 1, H318  Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1)  Skin Sens. 1A, H317	≥0.0015-<0.025%
CAS: 2634-33-5	1,2-Benzisothiazol-3(2H)-on  Eye Dam. 1, H318  Aquatic Acute 1, H400  Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	<0.05%

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** Immediately remove contaminated clothing.

(Contd. on page 3)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 21.04.2020

Version number 22

Revision: 21.04.2020

Trade name Okatmos EN 30

(Contd. of page 2)

- **After inhalation** **Provide plenty of fresh air.**
- **After skin contact** **In case of unconsciousness bring patient into stable side position for transport.**
- **After eye contact** **Instantly wash with water and soap and rinse thoroughly.**
- **After swallowing** **Rinse opened eye for several minutes under running water.**
- **4.2 Most important symptoms and effects, both acute and delayed** **In case of persistent symptoms consult doctor.**
- **4.3 Indication of any immediate medical attention and special treatment needed** **No further relevant information available.**

SECTION 5: Firefighting measures

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

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** **Not required.**
- **6.2 Environmental precautions:** **No special measures required.**
- **6.3 Methods and material for containment and cleaning up:** **Take-up with liquid binding material (sand, diatomaceous earth, acid binding agent, universal binding agent).**
- **6.4 Reference to other sections** **Dispose of contaminated material as waste according to item 13.**
- **6.4 Reference to other sections** **No dangerous materials are released.**
- **6.4 Reference to other sections** **See Section 7 for information on safe handling**
- **6.4 Reference to other sections** **See Section 8 for information on personal protection equipment.**
- **6.4 Reference to other sections** **See Section 13 for information on disposal.**

EU

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 21.04.2020

Version number 22

Revision: 21.04.2020

Trade name Okatmos EN 30

(Contd. of page 3)

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
*Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.*
- **Information about protection against explosions and fires:** *No special measures required.*
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** *Protect against frost.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:** *Store in a cool place.*
- **7.3 Specific end use(s)** *No further relevant information available.*

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** *No further data; see item 7.*
- **8.1 Control parameters**
- **Components with critical values that require monitoring at the workplace:**
- **Additional information:** *The lists that were valid during the compilation were used as basis.*
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**
*Take off soiled soaked clothing.
Instantly remove any soiled and impregnated garments.
Wash hands during breaks and at the end of the work.*
- **Breathing equipment:** *In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.
Suitable respiratory protection at low concentrations or short-term exposure: Particle filter EN 143 type P2 (medium retention capacity (solid and liquid particles of harmful substances))*
- **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*
- **Material of gloves** *Rubber 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.*

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.04.2020

Version number 22

Revision: 21.04.2020

Trade name Okatmos EN 30

(Contd. of page 4)

· **Eye protection:** **Safety glasses recommended during refilling.**

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· Appearance:

Form:	Pasty
Colour:	Light yellow
Smell:	Characteristic
Odour threshold:	Not determined.

· pH-value at 20 °C: 8

· Change in condition

Melting point/freezing point: not used

· ~~Initial boiling point and boiling range:~~ > 100 °C

· Flash point:

· Inflammability (solid, gaseous) Not applicable.

· Decomposition temperature: Not determined.

· Self-inflammability: Product is not selfigniting.

· Explosive properties: Product is not explosive.

· Critical values for explosion:

Lower:	Not determined.
Upper:	Not determined.

· Steam pressure at 20 °C: 23 hPa

· Density at 20 °C 1.3 g/cm³

· Relative density Not determined.

· Vapour density Not determined.

· Evaporation rate Not determined.

· Solubility in / Miscibility with

Water: less miscible

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

· Viscosity:

dynamic at 20 °C: 4,000 mPas

kinematic: Not determined.

· 9.2 Other information The physical data are average values.

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.3 Possibility of hazardous reactions No dangerous reactions known

· 10.4 Conditions to avoid No further relevant information available.

· 10.5 Incompatible materials: No further relevant information available.

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.04.2020

Version number 22

Revision: 21.04.2020

Trade name Okatmos EN 30

(Contd. of page 5)

- 10.6 Hazardous decomposition products: **None known.**

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity **Based on available data, the classification criteria are not met.**

- LD/LC50 values that are relevant for classification:

CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one

Oral LD50 50 mg/kg (rat)

Inhalative LC50/4 h 0.025 mg/l (rat)

- Primary irritant effect:
- Skin corrosion/irritation **Based on available data, the classification criteria are not met.**
- Serious eye damage/irritation **Based on available data, the classification criteria are not met.**
- Respiratory or skin sensitisation **May cause an allergic skin reaction.**
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity **Based on available data, the classification criteria are not met.**
- Carcinogenicity **Based on available data, the classification criteria are not met.**
- Reproductive toxicity **Based on available data, the classification criteria are not met.**
- STOT-single exposure **Based on available data, the classification criteria are not met.**
- STOT-repeated exposure **Based on available data, the classification criteria are not met.**
- Aspiration hazard **Based on available data, the classification criteria are not met.**

SECTION 12: Ecological information

- 12.1 Toxicity
- Aquatic toxicity: **No further relevant information available.**
- 12.2 Persistence and degradability **No further relevant information available.**
- 12.3 Bioaccumulative potential **No further relevant information available.**
- 12.4 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 bodies or sewage system.**
- 12.5 Results of PBT and vPvB assessment
- PBT: **Not applicable.**
- vPvB: **Not applicable.**
- 12.6 Other adverse effects **No further relevant information available.**

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
- Recommendation **Disposal according to official regulations**

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 21.04.2020

Version number 22

Revision: 21.04.2020

Trade name Okatmos EN 30

(Contd. of page 6)

· European waste catalogue

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

· Uncleaned packagings:

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

SECTION 14: Transport information

· 14.1 UN-Number

· ADR, ADN, IMDG, IATA Void

· 14.2 UN proper shipping name

· ADR, ADN, IMDG, IATA Void

· 14.3 Transport hazard class(es)

· ADR, ADN, IMDG, IATA

· Class Void

· 14.4 Packing group

· ADR, IMDG, IATA Void

· 14.5 Environmental hazards:

· Marine pollutant: No

· 14.6 Special precautions for user Not applicable.

· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

· Transport/Additional information: Not classified as dangerous in the meaning of transport regulations.

· UN "Model Regulation": Void

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Chapters which have been revised from the previous issue are marked "***".

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

(Contd. on page 8)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 21.04.2020

Version number 22

Revision: 21.04.2020

Trade name Okatmos EN 30

(Contd. of page 7)

This information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. It does not constitute a legal warranty regulations. The delivery specifications are contained in the corresponding product sheet.

- **Abbreviations and acronyms:** *ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 3: Acute toxicity - oral – Category 3
Acute Tox. 4: Acute toxicity - oral – Category 4
Acute Tox. 2: Acute toxicity - inhalation – Category 2
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

- *** Data compared to the previous version altered.**
- **Comment**

The information is based on our knowledge we do have so far. However it is not a confirmation of product features and does not establish contractual legal relationship. Use, operation and processing are the responsibility of the customer.

EU