

Trade name: Molekularsieb 3A / Metrohm

Substance number: 330100

Version: 1 / CH

Date revised: 30.04.2025

Replaces Version: - / CH

Print date: 30.04.25

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

1.1. Product identifier

Molekularsieb 3A / Metrohm

Item No. 33010000

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation

industry

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Supplemental information

EUH210

Safety data sheet available on request.

2.3. Other hazards

Harmful by inhalation. Attention - Avoid exposure - obtain special instructions before use.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

Hazardous ingredients

Quartz

CAS No. 14808-60-7

EINECS no. 238-878-4

Concentration ≥ 1 < 10 %Classification (Regulation (EC) No. 1272/2008)
STOT RE 2 H373

SECTION 4: First aid measures

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4.1. Description of first aid measures

General information

Take off contaminated clothing and shoes immediately.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Rinse out mouth and give plenty of water to drink. Never give anything by mouth to an unconscious person.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas. Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

Non suitable extinguishing media

Full water jet

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus.

Other information

Fire residues must be disposed of in a proper manner.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Do not inhale dust. Wear protective equipment

6.2. Environmental precautions

Do not empty into drains, caverns and basements.

6.3. Methods and material for containment and cleaning up

Dampen, pick up mechanically and dispose of. Avoid raising dust. When picked up, treat material as prescribed under Section 13 "Disposal". Rinse away rest with plenty of water.

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid skin and eye contact.

Advice on protection against fire and explosion

Take action to prevent static discharges. Keep away from sources of heat and ignition. Do not smoke.

7.2. Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place. Use glass containers. Use aluminium containers. Use containers made of Polyethylene.

Storage classes

Storage class according to TRGS 510

11

Combustible solids

Storage category (Switzerland)

NG

Other solid hazardous substances
without classification/labelling
hazardous

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limit values****Quartz**

List

SUVA

Type

MAK

Value

0,15 mg/m³

Pregnancy group: S; Remarks: P C1A SSc; Lungenkrebs, Silikose; HSE, NIOSH, OSHA

8.2. Exposure controls**General protective and hygiene measures**

Do not eat, drink or smoke during work time. Observe the usual precautions for handling chemicals.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Particle filter P1; FFP1 (EN 149); EN 143

Hand protection

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Appropriate Material Gloves / resistant to chemicals

Hand protection must comply with EN 374.

Appropriate Material nitrile rubber - NBR

Appropriate Material Gloves / resistant to chemicals

Appropriate Material Butyl rubber - Butyl

Eye protection

Tightly fitting safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Physical state**

solid

Colour

dark brown

Odour

odourless

Flash point

Value

°C

Remarks

Not applicable

Vapour pressure

Remarks

Not applicable

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9.2. Other information**Solubility in water**

Remarks immiscible

Auto-ignition temperature

Remarks Not applicable

Solids content

Value 100 %

SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

Protect from atmospheric moisture and water.

10.4. Conditions to avoid

Avoid dust formation. Protect from atmospheric moisture and water.

10.5. Incompatible materials

Addition of water leads to increase in temperature. Strong oxidising agents, Acids

10.6. Hazardous decomposition products

None under normal use.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

Remarks Based on available data, the classification criteria are not met.

Acute inhalational toxicity

Remarks Harmful by inhalation.

Skin corrosion/irritation

Remarks Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Remarks Based on available data, the classification criteria are not met.

Sensitization

Remarks Based on available data, the classification criteria are not met.

Subacute, subchronic, chronic toxicity

Remarks Chronic exposure causes damage of respiratory organs.

Mutagenicity

Remarks Based on available data, the classification criteria are not met.

Reproductive toxicity

Remarks Based on available data, the classification criteria are not met.

Carcinogenicity

Remarks Based on available data, the classification criteria are not met.

Aspiration hazard

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Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

SECTION 12: Ecological information

12.1. Toxicity

General information

Not applicable

12.2. Persistence and degradability

General information

Not applicable

12.3. Bioaccumulative potential

General information

The product has not been tested. Because of the product's consistency and lack of solubility in water bioavailability is not likely.

12.4. Mobility in soil

Mobility in soil

Will not adsorb on soil.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

The product contains no PBT substances

The product contains no vPvB substances.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the environment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

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SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany)**

Water Hazard Class Not water hazardous

(Germany)

Remarks

Derivation of WGK according to Annex 1 No. 5.2 AwSV

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.