

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

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

1.1 Product identifier

Trade name : MOLECULAR SIEVE 3A, 4A, 10A

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

Use of the Substance/Mixture : Formulation of preparations, Formulation in materials, Use in closed process, no likelihood of exposure, Use in closed, continuous process with occasional controlled exposure, Use in closed batch process (synthesis or formulation), Mixing or blending in batch processes for formulation of preparations and articles (multistage and/ or significant contact), Calendaring operations, Transfer of substance or preparation (charging/ discharging) from/ to vessels/ large containers at non-dedicated facilities, Transfer of substance or preparation (charging/ discharging) from/ to vessels/ large containers at dedicated facilities, Transfer of substance or preparation into small containers (dedicated filling line, including weighing), Production of preparations or articles by tableting, compression, extrusion, pelletisation, Adhesives, sealants, Adsorbents, Air care products, Biocidal products (e.g. Disinfectants, pest control), Coatings and paints, thinners, paint removers, Fillers, putties, plasters, modelling clay, Fertilizers, Fuels, Metal surface treatment products, including galvanic and electroplating products, Non-metal-surface treatment products, Ink and toners, Intermediate, Products such as ph-regulators, flocculants, pre-cipitants, neutralization agents, Leather tanning, dye, finishing, impregnation and care products, Lubricants, greases, release products, Paper and board dye, finishing and impregnation products: including bleaches and other processing aids, Plant protection products, Perfumes, fragrances, Polishes and wax blends, Polymer preparations and compounds, Semiconductors, Textile dyes, finishing and impregnating products; including bleaches and other processing aids, Washing and cleaning products (including solvent based products), Water softeners, Water treatment chemicals, Extraction agents, Agriculture, forestry, fishery, Industrial uses: Uses of substances as such or in preparations at industrial sites, Manufacture of textiles, leather, fur, Manufacture of pulp, paper and paper products, Printing and reproduction of recorded media, Manufacture of bulk, large scale chemicals (including petroleum products), Formulation [mixing] of preparations and/ or re-packaging (excluding alloys), Manufacture of rubber products, Manufacture of plastics products, including compounding and conversion, Manufacture of fabricated metal products, except machinery and equipment, Manufacture of computer, electronic and optical products, electrical equipment, Building and construction work

1.3 Details of the supplier of the safety data sheet

Company : OKER-CHEMIE GMBH
Im Schleeke 77
38642 Goslar
Germany

Telephone : +49 (0)53 21 - 7 51-34 15

1.4 Emergency telephone number

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

E-mail address : infoSDS@hcstarck.com
Responsible Department : Corporate HSEQ
Emergency telephone : +49(0)551/19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

No classification

Classification (67/548/EEC, 1999/45/EC)

No classification

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

No labelling required

2.3 Other hazards

no data available

Zeolites, cuboidal, crystalline, : no data available

synthetic, non-fibrous

Quartz (SiO₂) : no data available

Zeolites, cuboidal, crystalline, : no data available

synthetic, non fibrous, thermally

produced

The product has an adsorbent effect and may cause dehydration in case of prolonged skin contact. Intensive evolution of heat in contact with water.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Mixture

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Zeolites, cuboidal, crystalline, synthetic, non- fibrous	1318-02-1 215-283-8 01- 2119429034-49			75 - 90
Quartz (SiO ₂)	14808-60-7 238-878-4 / /			<= 1
Zeolithe, cuboidal, crystalline, synthetic, non fibrous, thermally	931-125-7 01-			10 - 25

000010005656

2/17

OCG_GB (EN)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

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SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : No hazards which require special first aid measures.
- If inhaled : Remove to fresh air.
If symptoms persist, call a physician.
- In case of skin contact : Wash off immediately with plenty of water.
If skin irritation occurs, seek medical advice/attention.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If eye irritation persists, consult a specialist.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.
Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : No information available.
- Risks : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Extinguishing methods depends upon fire in vicinity poses., The product itself does not burn.
- Unsuitable extinguishing media : None known.

5.2 Special hazards arising from the substance or mixture

- Specific hazards during firefighting : None known.

5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
Avoid dust formation.

6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Use mechanical handling equipment.
Avoid dust formation.
Pick up and transfer to properly labelled containers.

6.4 Reference to other sections

For personal protection see section 8., Treat recovered material as described in the section "Disposal considerations".

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid dust formation. Provide sufficient air exchange and/or exhaust in work rooms. Avoid exceeding of the given occupational exposure limits (see section 8).

Advice on protection against fire and explosion : Take precautionary measures against static discharges.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Keep working clothes separately.

Dust explosion class : no data available

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in accordance with the particular national regulations.

Further information on storage conditions : Store in tightly closed containers in a dry place.

7.3 Specific end use(s)

Specific use(s) : no data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
quartz (SiO ₂)	14808-60-7	TWA (Respirable)	0,1 mg/m ³	2007-08-01	GB EH40
Further information	:	<p>15: For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust. The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m⁻³ 8-hour TWA of inhalable dust or 4 mg.m⁻³ 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit. Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/3. Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used. HSC/E plans to review the limit values for this substance.</p>			
		TWA (Inhalable)	6 mg/m ³	2005-04-06	GB EH40
Further information	:	<p>15: For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust. The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m⁻³ 8-hour TWA of inhalable dust or 4 mg.m⁻³ 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit. Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/3. Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used.</p>			
		TWA (Respirable)	2,4 mg/m ³	2005-04-06	GB EH40

000010005656

5/17

OCG_GB (EN)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

Further information	:	15: For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust. The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m ⁻³ 8-hour TWA of inhalable dust or 4 mg.m ⁻³ 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit. Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/3. Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used
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DNEL

Zeolites, cuboidal, crystalline, synthetic, non-fibrous

: End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term local effects
Value: 3 mg/m³

End Use: Workers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
2,5 - 3 mg/kg

End Use: Consumers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
1,25 - 1,5 mg/kg

End Use: Consumers
Exposure routes: Ingestion
Potential health effects: Long-term systemic effects
1,25 - 1,5 mg/kg

Quartz (SiO₂)

: no data available

Zeolites, cuboidal, crystalline, synthetic, non fibrous, thermally produced

: no data available

PNEC

Zeolites, cuboidal, crystalline, synthetic, non-fibrous

: Fresh water
Value: 3,2 mg/l

Quartz (SiO₂)

: no data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

Zeolites, cuboidal, crystalline, synthetic, non fibrous, thermally produced : no data available

8.2 Exposure controls

Engineering measures

Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection : Safety glasses

Hand protection

Material : Butyl-rubber, Natural rubber, Nitrile rubber

Remarks : The data about break through time/strength of material is not valid for undissolved solids/dust. Gloves must be inspected prior to use. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Recommended preventive skin protection

Skin and body protection : Protective suit

Respiratory protection : Respiratory protective device with particle filter EN 143 - P2

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : spherical

Colour : beige

Odour : odourless

Odour Threshold : no data available

pH : 7 - 11, at 20 °C

Melting point/range : > 400 °C Method: OECD Test Guideline 102

Boiling point/boiling range : no data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

Flash point	: not applicable
Evaporation rate	: not applicable
Flammability	: negative
Lower explosion limit	: no data available
Upper explosion limit	: no data available
Vapour pressure	: not applicable
Relative vapour density	: Remarks: not applicable
Density	: no data available
Water solubility	: insoluble
Partition coefficient: n-octanol/water	: not applicable
Auto-ignition temperature	: no data available
Thermal decomposition	: not applicable
Viscosity, dynamic	: not applicable
Viscosity, kinematic	: not applicable
Explosive properties	: Not explosive
Oxidizing properties	: no data available

9.2 Other information

Flammability (contact with water) : not highly flammable

SECTION 10: Stability and reactivity

10.1 Reactivity

hygroscopic

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : None known.

10.4 Conditions to avoid

Conditions to avoid : None known.

10.5 Incompatible materials

Materials to avoid : None known.

10.6 Hazardous decomposition products

000010005656

8/17

OCG_GB (EN)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

Hazardous decomposition products :
Other information : No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product

Acute oral toxicity : no data available

Acute inhalation toxicity : no data available

Acute dermal toxicity : no data available

Skin corrosion/irritation : no data available

Serious eye damage/eye irritation : no data available

Respiratory or skin sensitisation : no data available

Germ cell mutagenicity

Genotoxicity in vitro : no data available

Genotoxicity in vivo : no data available

Carcinogenicity : no data available

Reproductive toxicity : no data available

Teratogenicity : no data available

STOT - single exposure : Remarks: no data available

Repeated dose toxicity : Remarks: no data available

STOT - repeated exposure : Remarks: no data available

Further information : None known.

Components:

Zeolites, cuboidal, crystalline, synthetic, non-fibrous :

Acute oral toxicity : LD50 rat: > 5.110 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC0 rat: 3,35 mg/l
Exposure time: 4 h

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

Acute dermal toxicity	: LD50 rabbit: > 2.000 mg/kg Method: OECD Test Guideline 402
Skin corrosion/irritation	: Result: No skin irritation
Serious eye damage/eye irritation	: Result: Mild eye irritation
Respiratory or skin sensitisation	: no data available
Germ cell mutagenicity	
Genotoxicity in vitro	: Type: Ames test Test species: Salmonella typhimurium with and without metabolic activation Result: negative Method: OECD Test Guideline 471 Test species: Chinese hamster ovary (CHO) cells with and without metabolic activation Result: positive Method: OECD Test Guideline 473 Test species: L5178Y cells (mouse lymphoma) with and without metabolic activation Result: negative Method: OECD Test Guideline 476
Genotoxicity in vivo	: Test species: rat Application Route: Oral Method: OECD Test Guideline 474 Result: negative
Carcinogenicity	: no data available
Reproductive toxicity	: no data available
Teratogenicity	: Species: rat Application Route: Oral Method: OECD Test Guideline 414 Species: rabbit Application Route: Oral Method: OECD Test Guideline 414
STOT - single exposure	: Remarks: no data available
Repeated dose toxicity	: rat: NOAEL: 250 - 300 mg/kg Application Route: Oral Exposure time: 90-day Remarks: Subchronic toxicity

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

STOT - repeated exposure : Remarks: no data available

Quartz (SiO₂) :

Acute oral toxicity : no data available

Acute inhalation toxicity : no data available

Acute dermal toxicity : no data available

Skin corrosion/irritation : no data available

Serious eye damage/eye irritation : no data available

Respiratory or skin sensitisation : no data available

Germ cell mutagenicity

Genotoxicity in vitro : no data available

Genotoxicity in vivo : no data available

Carcinogenicity : no data available

Reproductive toxicity : no data available

Teratogenicity : no data available

STOT - single exposure : Remarks: no data available

Repeated dose toxicity :
Remarks: no data available

STOT - repeated exposure : Remarks: no data available

Further information : None known.

Zeolites, cuboidal, crystalline, synthetic, non fibrous, thermally produced :

Acute oral toxicity : LD50 rat: > 5.110 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC0 rat: 3,35 mg/l
Exposure time: 4 h

Acute dermal toxicity : LD50 rabbit: > 2.000 mg/kg
Method: OECD Test Guideline 402

Skin corrosion/irritation : Result: No skin irritation

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

Serious eye damage/eye irritation	: Result: Mild eye irritation
Respiratory or skin sensitisation	: no data available
Germ cell mutagenicity	
Genotoxicity in vitro	: Type: Ames test Test species: Salmonella typhimurium with and without metabolic activation Result: negative Method: OECD Test Guideline 471 Test species: Chinese hamster ovary (CHO) cells with and without metabolic activation Result: positive Method: OECD Test Guideline 473 Test species: L5178Y cells (mouse lymphoma) with and without metabolic activation Result: negative Method: OECD Test Guideline 476
Genotoxicity in vivo	: Test species: rat Application Route: Oral Method: OECD Test Guideline 474 Result: negative
Carcinogenicity	: no data available
Reproductive toxicity	: no data available
Teratogenicity	: Species: rat Application Route: Oral Method: OECD Test Guideline 414 Species: rabbit Application Route: Oral Method: OECD Test Guideline 414
STOT - single exposure	: Remarks: no data available
Repeated dose toxicity	: rat: NOAEL: 250 - 300 mg/kg Application Route: Oral Exposure time: 90-day Remarks: Subchronic toxicity
STOT - repeated exposure	: Remarks: no data available
Further information	: None known.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to fish	: no data available
Toxicity to daphnia and other aquatic invertebrates	: no data available
Toxicity to algae	: no data available
Toxicity to bacteria	: no data available
Toxicity to fish (Chronic toxicity)	: no data available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: no data available
Toxicity to soil dwelling organisms	: no data available
Plant toxicity	: no data available
Toxicity to terrestrial organisms	: no data available

Components:

Zeolites, cuboidal, crystalline, synthetic, non-fibrous :

Toxicity to fish	: LC50 (Pimephales promelas (fathead minnow)): > 680 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 2.808 mg/l Exposure time: 24 h Method: OECD Test Guideline 202
Toxicity to algae	: EC50 (Desmodesmus subspicatus (Scenedesmus subspicatus)): > 328 mg/l Exposure time: 96 h Method: OECD Test Guideline 201
Toxicity to bacteria	: EC50 (Pseudomonas putida): 950 mg/l Exposure time: 16 h Method: DIN 38 412 Part 8
Toxicity to fish (Chronic toxicity)	: no data available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: no data available
Toxicity to soil dwelling organisms	: no data available
Plant toxicity	: no data available
Toxicity to terrestrial organisms	: no data available

Quartz (SiO₂) :

Toxicity to fish	: no data available
Toxicity to daphnia and other aquatic invertebrates	: no data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

Toxicity to algae : no data available

Toxicity to bacteria : no data available

Toxicity to fish (Chronic toxicity) : no data available

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : no data available

Toxicity to soil dwelling organisms : no data available

Plant toxicity : no data available

Toxicity to terrestrial organisms : no data available

Zeolites, cuboidal, crystalline, synthetic, non fibrous, thermally produced :

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 680 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 2.808 mg/l
Exposure time: 24 h
Method: OECD Test Guideline 202

Toxicity to algae : EC50 (Desmodesmus subspicatus (Scenedesmus subspicatus)): > 328 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 201

Toxicity to bacteria : EC50 (Pseudomonas putida): 950 mg/l
Exposure time: 16 h
Method: DIN 38 412 Part 8

Toxicity to fish (Chronic toxicity) : no data available

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : no data available

Toxicity to soil dwelling organisms : no data available

Plant toxicity : no data available

Toxicity to terrestrial organisms : no data available

12.2 Persistence and degradability

Product:

Biodegradability : no data available

Stability in water : no data available

Components:

Zeolites, cuboidal, crystalline, synthetic, non-fibrous :

Biodegradability : no data available

Stability in water : no data available

Quartz (SiO₂) :

Biodegradability : no data available

Stability in water : no data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

Zeolites, cuboidal, crystalline, synthetic, non fibrous, thermally produced :

Biodegradability : no data available

Stability in water : no data available

12.3 Bioaccumulative potential

Product:

Bioaccumulation : no data available

Partition coefficient: n-octanol/water : not applicable

Components:

Zeolites, cuboidal, crystalline, synthetic, non-fibrous :

Biodegradability : no data available

Partition coefficient: n-octanol/water : not applicable

Quartz (SiO₂) :

Biodegradability : no data available

Partition coefficient: n-octanol/water : not applicable

Zeolites, cuboidal, crystalline, synthetic, non fibrous, thermally produced :

Biodegradability : no data available

Partition coefficient: n-octanol/water : not applicable

12.4 Mobility in soil

Product:

Mobility : no data available

Components:

Zeolites, cuboidal, crystalline, synthetic, non-fibrous :

Mobility : no data available

Quartz (SiO₂) :

Mobility : no data available

Zeolites, cuboidal, crystalline, synthetic, non fibrous, thermally produced :

Mobility : no data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : no data available

Components:

Zeolites, cuboidal, crystalline, synthetic, non-fibrous :

Assessment : no data available

Quartz (SiO₂) :

Assessment : no data available

Zeolites, cuboidal, crystalline, synthetic, non fibrous, thermally produced :

Assessment : no data available

12.6 Other adverse effects

Product:

Ozone-Depletion Potential : no data available

Additional ecological information : None known.

Components:

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

Zeolites, cuboidal, crystalline, synthetic, non-fibrous :

Ozone-Depletion Potential : no data available

Additional ecological information : None known.

Quartz (SiO₂) :

Ozone-Depletion Potential : no data available

Additional ecological information : None known.

Zeolites, cuboidal, crystalline, synthetic, non fibrous, thermally produced :

Ozone-Depletion Potential : no data available

Additional ecological information : None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : In accordance with local and national regulations.

This product cannot be classified with disposal identification key acc. to the EU disposal directives as a classification results from the intended utilisation purpose of the consumer

SECTION 14: Transport information

14.1 UN number

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.2 Proper shipping name

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.3 Transport hazard class

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.4 Packing group

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.5 Environmental hazards

ADR

000010005656

16/17

OCG_GB (EN)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



MOLECULAR SIEVE 3A, 4A, 10A

Version 4.0

Revision Date 29.04.2014

Print Date 29.04.2014

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.6 Special precautions for user

For personal protection see section 8.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

no data available

SECTION 15: Regulatory information

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

Major Accident Hazard Legislation

96/82/EC

: Update: 16. Dezember 2003

Is not subject to the Seveso II Directive.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has been carried out for this substance.

SECTION 16: Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.