

ESKANOL PO POWDER

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Issue date: Revision date:23/08/2022 Supersedes:14/04/2021 Version: 1.2

SDS No: 00359-1314

SECTION 1: Product identifier

1.1. GHS Product identifier

Product form : Mixture
Product name : ESKANOL PO POWDER
Product code : 10391

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Fillers

1.4. Details of manufacturer or importer

TIP TOP Oberflächenschutz Elbe GmbH
4 Heuweg
Wittenberg 6886
Germany
T +49(0)3491/635-50 - F +49(0)3491/635-552
E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

1.5. Emergency phone number

Emergency number : +61-280735031, Infotrac/GBK GmbH-ID: 93591

SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Specific target organ toxicity – Repeated exposure, Category 2 H373

2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU) :



Health hazard

Signal word (GHS AU) :

Warning

Contains :

Quartz (< 10 %)

Hazard statements (GHS AU) :

H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary statements (GHS AU) :

P260 - Do not breathe dust.

P314 - Get medical attention if you feel unwell.

P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : Long-term and/or strong inhalation of respirable quartz fine dust can lead to pneumoconiosis, also known as silicosis.



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SECTION 3: Composition and information on ingredients

Comments : Preparation based on :
Quartz.

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Quartz	14808-60-7	< 10	STOT RE 1, H372
Other substances (not contributing to the classification of this product)	-	90 – 95	-

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : Remove and wash contaminated clothing before re-use.
First-aid measures after inhalation : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. In the event of symptoms refer for medical treatment.
First-aid measures after skin contact : No hazards which require special first aid measures.
First-aid measures after eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion : If you feel unwell, seek medical advice.

4.2. Symptoms caused by exposure

Symptoms/effects : May cause damage to organs through prolonged or repeated exposure.
Symptoms/effects after inhalation : Breathing dust and fibres may cause temporary irritation to mouth, nose and throat. Long-term and/or strong inhalation of respirable quartz fine dust can lead to pneumoconiosis, also known as silicosis.
Symptoms/effects after skin contact : Causes skin irritation.
Symptoms/effects after eye contact : Causes eye irritation.

4.3. Medical attention and special treatment

Treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media : high volume water jet.

5.2. Specific hazards arising from the chemical

Fire hazard : Product itself does not burn.
Explosion hazard : Product is not explosive.
General measures : Avoid the formation and deposition of dust. Ensure adequate air ventilation.
Hazardous decomposition products in case of fire : No additional information available.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : In case of fire, wear suitable respiratory equipment with positive air supply. Protective suit.



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Other information : Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid the formation and deposition of dust. Ensure adequate air ventilation.

6.1.1. For non-emergency personnel

Protective equipment : Wear personal protective equipment.

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Pick up mechanically, avoiding dust, and provide disposal in suitable recipients. Where possible recycling is preferred to disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep the container tightly closed. Avoid the formation and deposition of dust. Provide appropriate exhaust ventilation at places of dust forming.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed in a dry, cool and well-ventilated place.

Incompatible materials : No materials to be especially mentioned.

Information on mixed storage : Keep away from food, drink and animal feeding stuffs.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

Quartz (14808-60-7)	
Australia - Occupational Exposure Limits	
Local name	Quartz [Silica – Crystalline]
OES TWA [1]	0.05 mg/m ³ respirable dust
Remark (AU)	Carcinogenicity Category 1A – Known to have carcinogenic potential for humans. The classification of a chemical into this category is based largely on human evidence from studies that have established a causal relationship between human exposure and the development of cancer.
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)



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8.2. Biological Monitoring

Monitoring methods : A specific exposure sampling method is not available.

8.3. Engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : Chemical protective gloves made of nitrile, nitrile/cotton, butyl or neoprene, with a minimum thickness of 0.7 mm, permeation time of approx. 480 minutes. This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions. Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves. Pls. find examples in the protective gloves database under: <http://bestglove.com/site/chemrest/>

Eye protection :

Type	Field of application	Characteristics	Standard
Safety glasses with side shields	Dust		EN 166

Skin and body protection : Long sleeved protective clothing (DIN EN ISO 6530)

Respiratory protection :

Device	Filter type	Condition	Standard
Dust mask	Type P2	Dust protection	EN 140

Environmental exposure controls : Avoid release to the environment.

Other information : Do not breathe dust. Wash hands before breaks and at the end of workday. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use.

SECTION 9: Physical and chemical properties

Physical state : Solid
Appearance : Powder.
Colour : Grey White
Odour : odourless
Odour threshold : No data available
pH : 5 – 8 @20°C, 40 %
Relative evaporation rate (butylacetate=1) : No data available
Melting point / Freezing point : Melting point: > 1610 °C
Boiling point : 2230 – 2590 °C

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Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: ≈ 2000 °C
Flammability (solid, gas)	: No data available
Vapour pressure	: Vapour pressure: 0 hPa @20°C
Relative density	: No data available
Density	: Density: 2 – 3 g/m ³ @20°C
Solubility	: Insoluble. at 20 °C.
Log Pow	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: Not oxidising
Explosive limits	: No data available
Minimum ignition energy	: No data available
VOC content	: 0 %
Fat solubility	: No data available
Additional information	: Solvent content 0%

SECTION 10: Stability and reactivity

Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No hazardous reactions known.
Conditions to avoid	: Not known.
Incompatible materials	: No materials to be especially mentioned.
Hazardous decomposition products	: No hazardous decomposition products known.

SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified pH: 5 – 8 @20°C, 40 %
Serious eye damage/irritation	: Not classified pH: 5 – 8 @20°C, 40 %
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified.
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.

Quartz (14808-60-7)

STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified
Potential adverse human health effects and symptoms	: A longer or repeated contact may lead to irritation of eyes and mucous membranes. May cause shortness of breath, tightness of the chest, a sore throat and cough. Long-term and/or strong inhalation of respirable quartz fine dust can lead to pneumoconiosis, also known as silicosis



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SECTION 12: Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Not classified
Other information : Do not flush into surface water or sewer system.

12.2. Persistence and degradability

Quartz (14808-60-7)

Not rapidly degradable

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

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Ecology - soil	No data available.
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12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : No additional information available

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Fluorinated greenhouse gases	False
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Quartz (14808-60-7)

Fluorinated greenhouse gases	False
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SECTION 13: Disposal considerations

Waste treatment methods : Must follow special treatment according to local regulation. Where possible recycling is preferred to disposal.
Product/Packaging disposal recommendations : Empty containers should be taken for local recycling, recovery or waste disposal. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of like the product.

SECTION 14: Transport information

14.1. UN number

UN-No. (ADG) : Not applicable
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable



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14.2. UN Proper Shipping Name

Proper Shipping Name (ADG) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

14.3. Transport hazard class(es)

ADG
Transport hazard class(es) (ADG) : Not applicable

IMDG
Transport hazard class(es) (IMDG) : Not applicable

IATA
Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

Packing group (ADG) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

14.5. Environmental hazards

Marine pollutant : No
Dangerous for the environment : No
Other information : No supplementary information available

14.6. Special precautions for user

Specific storage requirement : No data available
Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail

Not applicable

Transport by sea

Not applicable
Transport regulations (IMDG) : Transport in accordance with section 2.3.2.5 of the IMDG (viscous substance) may be applied

Air transport

Not applicable

14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable



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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Relevant Poisons Schedule number : Labelling requirements for SUSMP do not apply to a poison that is packed and sold solely for industrial, laboratory or manufacturing use. However, this product is labelled in accordance with the Safe Work Australia "Code of Practice" for workplace substances.

15.2. International agreements

No additional information available

SECTION 16: Other information

Abbreviations and acronyms : ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IATA - International Air Transport Association
IMDG - International Maritime Dangerous Goods
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
DOT - Department of Transport
TDG - Transportation of Dangerous Goods
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
GHS - Globally Harmonized System of Classification, Labelling and Packaging of Chemicals
IARC - International Agency for Research on Cancer
vPvB - Very Persistent and Very Bioaccumulative
PBT - Persistent Bioaccumulative Toxic
PNEC - Predicted No-Effect Concentration
CAS - CAS (Chemical Abstracts Service) number
IBC-Code - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ATE - Acute Toxicity Estimate
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
BCF - Bioconcentration factor
MARPOL 73/78 - MARPOL 73/78: International Convention for the Prevention of Pollution From Ships
ADG - Transport of Australian Dangerous Goods

Revision date : 23/08/2022

Other information : Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

Classification	
STOT RE 2	H373



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Full text of H-statements	
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should therefore not be construed as guaranteeing any specific property of the product.