



Safety Data Sheet

According to the Model WHS Regulations and the ADG code



ESKANOL PO POWDER

Revision date: 14.04.2021

Product code: 00359-1314_AUS

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

1.1. Product identifier

ESKANOL PO POWDER

Art.-No.

10391

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

Use of the substance/mixture

filler

1.3. Details of the supplier of the safety data sheet

Company name: REMA TIP TOP Australia Pty Ltd.
Street: 3 - 7 Ironbark Close
Place: Warabrook
NSW 2304 / Australia
Telephone: +61-2-4935-0200
Internet: www.rema-tiptop.com.au
Responsible Department: Responsible for the safety data sheet: sds@gbk-ingelheim.de

1.4. Emergency telephone number:

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLASSIFIED AS HAZARDOUS CHEMICAL ACCORDING TO SAFE WORK AUSTRALIA AND WHS CRITERIA
CLASSIFIED AS NON-DANGEROUS GOODS ACCORDING TO THE ADG CODE
POISON SCHEDULE: none allocated

Classification according to WHS

Hazard categories:
Specific target organ toxicity - repeated exposure: STOT RE 2
Hazard Statements:
May cause damage to organs through prolonged or repeated exposure.

2.2. Label elements

Component(s) to be indicated on the label

Quartz < 10 %
non hazardous ingredients > 90 %

Signal word: Warning

Pictograms:



health hazard

Hazard statements

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

Precautionary statements

P260 Do not breathe dust.
P314 Get medical advice/attention if you feel unwell.
P501 Dispose of contents/container to approved disposal company or local collection.

2.3. Other hazards

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/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of quartz

Hazardous components

| CAS No | Chemical name | Quantity |
|------------|--|----------|
| EC No | Classification according to WHS criteria | |
| 14808-60-7 | Quartz | < 10 % |
| 231-545-4 | STOT RE 1; H372 | |
| | non hazardous ingredients | > 90 % |
| | | |

Full text of H and AUH phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove and wash contaminated clothing before re-use.

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.

After contact with skin

No specific precautions required.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If eye irritation persists, consult a specialist.

After ingestion

In the event of symptoms refer for medical treatment.

4.2. Most important symptoms and effects, both acute and delayed

May cause damage to organs through prolonged or repeated exposure if inhaled.
Long-term and/or strong inhalation of respirable quartz fine dust can lead to pneumoconiosis, also known as silicosis.
Product dust may be irritating to eyes, skin and respiratory system.
Inhalation of dust may cause irritations of mucous membranes, cough and shortness of breath.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

Not known.

5.3. Advice for firefighters

In case of fire, wear suitable respiratory equipment with positive air supply.



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Protective suit.
HAZCHEM: none allocated

Additional 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

Avoid the formation and deposition of dust.
In case of respirable dust, use a self-contained breathing apparatus.
Ensure adequate ventilation.
Use personal protective clothing.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/ground water.

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

Observe protective instructions (see Sections 7 and 8).
Information for disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed.
Avoid the formation and deposition of dust.
Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.

Advice on protection against fire and explosion

No special protective measures against fire required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

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

Hints on joint storage

No materials to be especially mentioned.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits (OEL) - Australia

| CAS No | Substance | ppm | mg/m ³ | Category |
|------------|--------------------------|-----|-------------------|----------|
| 14808-60-7 | Quartz (respirable dust) | - | 0.1 | TWA |
| 14808-60-7 | Quartz (respirable dust) | - | 0.1 | STEL |

8.2. Exposure controls

Appropriate engineering controls

Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.



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Protective and hygiene measures

- Do not breathe dust.
- Wash hands before breaks and at the end of workday.
- When using do not eat, drink or smoke.
- Remove and wash contaminated clothing before re-use.

Eye/face protection

- Safety goggles with side protection.

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/>

Skin protection

- Long sleeved clothing.

Respiratory protection

- Breathing apparatus (particle filter) only if dust is formed.
- Half mask with a particle filter P2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|--------------|
| Physical state: | Powder |
| Colour: | Grey / White |
| Odour: | Odourless |

| | Test method |
|----------------------|-------------|
| pH-Value (at 20 °C): | 5 - 8 40% |

Changes in the physical state

| | |
|--|----------------|
| Melting point: | > 1610 °C |
| Initial boiling point and boiling range: | 2230 - 2590 °C |
| Flash point: | Not applicable |

Flammability

- Solid: Not flammable.

Explosive properties

- The product is not explosive.

| | |
|-------------------------|----------------|
| Lower explosion limits: | Not applicable |
| Upper explosion limits: | Not applicable |
| Ignition temperature: | Not applicable |

Auto-ignition temperature

- Solid: No information available.

| | |
|----------------------------|-----------|
| Decomposition temperature: | ~ 2000 °C |
|----------------------------|-----------|

Oxidizing properties

- Not oxidising.

| | |
|--------------------------------|-----------------------------|
| Vapour pressure: (at 20 °C) | 0 hPa |
| Density (at 20 °C): | 2.0 - 3.0 g/cm ³ |



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| | |
|--|---------------------------|
| Water solubility: (at 20 °C) | More or less insoluble |
| Solubility in other solvents No information available. | |
| Partition coefficient: | No information available. |
| Viscosity / dynamic: | No information available. |
| Viscosity / kinematic: | No information available. |
| Vapour density: | No information available. |
| Evaporation rate: | No information available. |
| Solvent content: | 0 % |

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

No materials to be especially mentioned.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.
No toxicological data available.

Irritation and corrosivity

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

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

May cause damage to organs through prolonged or repeated exposure. (Quartz)

Aspiration hazard

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

Practical experience



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Other observations

Long-term and/or strong inhalation of respirable quartz fine dust can lead to pneumoconiosis, also known as silicosis.

Product dust may be irritating to eyes, skin and respiratory system.

Inhalation of dust may cause irritations of mucous membranes, cough and shortness of breath.

SECTION 12: Ecological information

12.1. Toxicity

Ecological data are not available.

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

12.6. Other adverse effects

No data available

Further information

Do not flush into surface water or sanitary sewer system.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

Where possible recycling is preferred to disposal.

Contaminated packaging

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

Land transport (ADG)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Other applicable information (land transport)

HAZCHEM: none allocated

Marine transport (IMDG)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.



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Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

2004/42/EC (VOC): 0 %

National regulatory information

Water contaminating class (D): -- not water contaminating

Additional information

Poison Schedule: none allocated

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.

All components of this mixture are listed on or exempted from AICS.

15.2. Chemical safety assessment

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

SECTION 16: Other information

Changes

Changes in chapter: -

Abbreviations and acronyms

ADG = Australian Code for the Transport of Dangerous Goods by Road & Rail

IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation Organization

MARPOL = International Convention for the Prevention of Pollution from Ships

IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

HAZCHEM = HAZardous CHEMicals

WHS = Work Health and Safety

NOHSC = National Occupational Health and Safety Commission (Australia)

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

CAS = Chemical Abstract Service

EN = European norm

ISO = International Organization for Standardization

DIN = Deutsche Industrie Norm

PBT = Persistent Bioaccumulative and Toxic

vPvB = Very Persistent and very Bio-accumulative



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LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

Relevant H and AUH phrases (number and full text)

H372 Causes damage to organs through prolonged or repeated exposure.

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

Further Information

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 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.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)