

Safety Data Sheet according to Regulation (EC) 1907/2006 and Regulation (EU) 2015/830

SCANMINERAL
MINERALS—MACHINES—KNOW-HOW

Product: White Corundum
Version: 01/AZ/en
Replaces Version:

Revised: 01.06.2021
Page: 1 of 4

1. Identification of the substance/mixture and the company/undertaking

Product identifier: Corundum

Substance/Trade name: White Corundum, all types

REACH Registration No.: Exempted in accordance with Annex V.7

Relevant identified uses of the substance: filler, abrasive, refractory, ceramic applications, and others

Uses advised against: none

Details of the supplier of the data sheet

Supplier: Scanmineral
Heljesvägen 10
437 36 Lindome, Sweden
www.scanmineral.se

Phone: +46 (0)31 99 71 94
Fax: +46 31 99 48 70
E-mail: info@scanmineral.se

Emergency telephone number: Call your local emergency number

2. Hazards Identification

Classification of the substance:

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]: none

Label elements: none

Other hazards: dusty product

3. Composition/information on ingredients

Substance: aluminium oxide, Al₂O₃ (99,73%)
CAS-No.: 1344-28-1
EC-No.: 215-691-6

4. First aid measures

Description of first aid measures

General informations: No danger of accidents or health damages to be expected.
After inhalation: Bring person to fresh air. In case of symptoms consult a physician.
After skin contact: Wash with water. In case of symptoms consult a physician.
After eye contact: Immediately rinse with clear water and open lid. In case of symptoms consult a physician.
After ingestion: Should not be eaten! Clean mouth with water. In case of symptoms consult a physician.

Delayed symptoms: None known

Indication of any immediate medical attention and special treatment needed: none known

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SCANMINERAL
MINERALS—MACHINES—KNOW-HOW

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Replaces Version:

Revised: 01.06.2021
Page: 2 of 4

5. Fire fighting measures

Extinguishing media: Product is not inflammable; in the case of fire adapt the extinguishing measures to the surroundings.

Special hazards arising from the substance:
The product is not flammable and not explosive. No hazardous releases in case of fire.

Advice for fire-fighters: No specific actions are required.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Protective equipment: Avoid dust formation. Personal respirator must be worn in dusty atmospheres.

Environmental precautions: No specific actions are required.

Methods and material for containment and cleaning up:
Take away mechanically and free of dust.
Danger of sliding when adding water.

Reference to other sections: See sections 8. and 13.

7. Handling and storage

Precautions for safe handling

Protective measures: Do not eat, drink or smoke during work. Avoid dust formation, avoid contact with skin, eyes and clothing. Wash hands before and after work.

Conditions for safe storage: Store in closed packing units. Keep in dry place.
Can be stored together with other materials.

8. Exposure controls / personal protection

Control parameters

Follow workplace regulatory exposure limits for total dust and respirable dust. For the equivalent limits in their respective countries please consult a competent occupational hygienist or the local regulatory authority.

Biological limit values: none

Exposure controls

Appropriate engineering controls: When dealing with product in bulk, provide good ventilation and dust filters.

Personal protection equipment:

Eye / Face protection: Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.

Skin protection: no special requirement, Preventive skin protection by use of skin-protecting agents is recommended.

Hand protection: no special requirement, gloves recommended

Body protection: no special requirement

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SCANMINERAL
MINERALS–MACHINES–KNOW-HOW

Product: White Corundum
Version: 01/AZ/en
Replaces Version:

Revised: 01.06.2021
Page: 3 of 4

Other protection: no special requirement
Respiratory protection: in case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European or national legislation. The use of half or full face masks with filters against particles of category 2 or 3 (FP2 - FP3) is recommended. See EN 143: 2000 - Respiratory protective devices. Particle filters.

Environmental exposure controls: no special requirement

9. Physical and chemical properties

General information

Appearance:	Physical state:	powder / granulate
	Colour:	white
	Odour:	odourless
Safety relevant basic data:	Density:	ca. 3,9 – 4,1 g/cm ³
	Bulk density:	ca. 1,4 – 2,1 g/cm ³
	Solubility in water:	practically insoluble
	Flash point:	not applicable
	Flammability:	not flammable
	Melting point:	ca. 2050°C

10. Stability and reactivity

<u>Reactivity/Chemical stability</u>	Stable mineral of which there are no dangerous reactions with other substances known.
<u>Possibility of hazardous reactions</u>	none known
<u>Conditions to avoid</u>	none known
<u>Incompatible materials</u>	none known
<u>Hazardous decomposition products</u>	none known

11. Toxicological information

Acute toxicity

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

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.

Irritation to respiratory tract

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

Respiratory or skin sensitisation

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

CMR effects: Carcinogenicity

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

Genotoxicity

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

Germ cell mutagenicity

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

Toxicity 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

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Page: 4 of 4

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

Aspiration hazard

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

12. Ecological information

<u>Toxicity</u>	not relevant
<u>Persistence and degradability</u>	not relevant
<u>Bioaccumulate potential</u>	not relevant
<u>Mobility in soil</u>	negligible
<u>Results of PBT and vPvB assessment</u>	not relevant
<u>Other adverse affects</u>	No specific adverse effects known.

13. Disposal considerations

Waste treatment methods

Recommendations:

Where possible, recycling is preferable to disposal. Can be disposed in compliance with local regulations.

Packaging:

Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles. Recycling and disposal of packaging should be carried out in compliance with local regulations. The re-use of packaging is not recommended. Recycling and disposal of packaging should be carried out by an authorised waste management company.

14. Transport information

<u>UN-No.</u>	not relevant
<u>UN proper shipping name</u>	not relevant
<u>Transport hazard classes</u>	not classified
<u>Packing group</u>	not relevant
<u>Environmental hazards</u>	not relevant
<u>Special precautions for user</u>	no special precautions
<u>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</u>	not relevant

15. Regulatory information

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

EU regulations

none

National regulations (Germany)

water hazard class: not hazardous to water

Chemical safety assessment:

no data available

16. Other information

Indication of changes: First Version

Liability: This safety data sheet is based on our current knowledge and relates to the product in the state of delivery. However, no warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of the information provided for his own specific application.