



Alpha Chemika



ISO 9001 QUALITY SYSTEM CERTIFIED ORGANIZATION

MATERIAL SAFETY DATA SHEET

MSDS

Savgan Heights ; 102 ,B Wing ; R.T.O. Lane ,Andheri (West) Mumbai - 400053 , INDIA

Section 1 - Chemical Product and Company Identification

Product Name : SCANDIUM OXIDE 99.9%

Synonyms:

CAS No.: 12060-08-1

Molecular Weight: 137.81

Chemical Formula: O_3Sc_2

Section 2 - Composition, Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Scandium Oxide	12060-08-1	99 - 100%	No

Section 3 - Hazardous Identification

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.

Section 4 - First Aid Measures

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Section 5 - Fire Fighting Measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for fire-fighters
Wear self contained breathing apparatus for fire fighting if necessary.
Further information
The product itself does not burn.

Section 6 - Accidental Release Measures

Personal precautions Avoid dust formation.
Environmental precautions
Do not let product enter drains.
Methods for cleaning up
Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 - Handling and Storage

Handling
Provide appropriate exhaust ventilation at places where dust is formed.
Storage
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Section 8 - Exposure Controls, Personal Protection

Personal protective equipment
Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Hand protection
For prolonged or repeated contact use protective gloves.
Eye protection
Safety glasses
Hygiene measures
General industrial hygiene practice.

Section 9 - Physical and Chemical Properties

Appearance
Form powder
Safety data
pH no data available
Melting point no data available
Boiling point no data available
Flash point not applicable
Ignition
temperature
no data available
Lower explosion limit
no data available
Upper explosion limit
no data available
Density 8,35 g/mL at 25 °C
Water solubility no data available

Section 10 - Stability and Reactivity

Storage stability

Stable under recommended storage conditions.

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.

Section 11 - Toxicological Information

Acute toxicity

no data available

Irritation and corrosion

no data available

Sensitisation

no data available

Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Ingestion May be harmful if swallowed

Section 12 - Ecological Information

Elimination information (persistence and degradability)

no data available

Ecotoxicity effects

no data available

Further information on ecology

no data available

Section 13 - Disposal Considerations

Product

Observe all federal, state, and local environmental regulations.

Contaminated packaging

Dispose of as unused product.

Section 14 - Transport Information

ADR/RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

Section 15 - Regulatory Information

Labelling according to EC Directives

Further information:

The product does not need to be labelled in accordance with EC directives or respective national laws.

Section 16 - Additional Information

Not Regulated