



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : A 18029
Product Name : Aluminium oxide (Neutral)

Manufacturer / supplier identification

Company : NICE Chemicals (P) Ltd. , Cochin , India
Tel - 0484 2800212 , 2802755

Contact For Information : Tel . No. – 0484 2802536 Fax : 0484 2802483
Emergency Telephone No. : 0484 2801583 Telefax No. : 0484 2802483

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS-No : 1344-28-1
Molecular formula : Al_2O_3
EC-No. : 215-691-6
Molar mass : 101.94

3. HAZARDS IDENTIFICATION

According to the evaluative data available, a classification according to categories of danger as specified in Directive 67/548/EEC and laid down in the legislation of the country concerned is not required



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4. FIRST AID MEASURES

After skin contact : wash off with plenty of water
After eye contact : rinse out with plenty of water with eyelids held open .
After swallowing : summon doctor
After inhalation: fresh air.

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media :In adaptation to materials stored in the immediate neighbourhood.
Special risks : not known to date
Other information: Non combustible

6.ACCIDENTAL RELEASE MEASURES

Procedures for cleaning / absorption :
take up dry. Forward for disposal. Cleanup affected area.
Person related precautionary measures: Avoid generation of dusts. Do not inhale dusts.

7. HANDLING AND STORAGE

Handling : No further requirements.
Storage : Tightly closed . storage temperature: no restrictions.

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8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : required when dusts are generated .

Eye protection : required

Hand protection : not required

Protective clothing should be selected for the working place depending on concentration and quantity of the hazardous substance handled. The resistance

of the protective clothing to chemicals should be ascertained with the respective supplier

Industrial hygiene : Change contaminated clothing . Wash hands after working with substance .

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : granules
Colour : white
Odour : odourless
Melting temperature : ~ 2050 °C
Boiling temperature : not available
pHvalue
at 50g/l H₂O(25⁰C) : not available
Ignition temperature : Not available
Flash point : not applicable
Explosion limits lower : Not available
Upper : Not available
Relative vapour density : Not available
Density (20⁰C) : ~4 g/ cm³



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Bulk density : -
Solubility in
water(20⁰C) : almost insoluble
acids (20⁰C) : soluble

10. STABILITY AND REACTIVITY

Conditions to be avoided : no information available.
Substance to be avoided. halogen-halogen compounds, halogen oxides, fluorine, hydrogen halides, nitrates, vinyl acetate.
Hazardous decomposition products :
no information available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Quantitative data on the toxicity of this product are not available.
Further toxicological information
After inhalation of dusts: Irritations of the mucous membranes, coughing, and dyspnoea. Metal fume fever after inhalation of large quantities.
After swallowing: Only very slightly absorbable via the gastrointestinal tract.
Further data:
On the basis of the morphology of the product , no hazardous properties are to be expected when it is handled and used with appropriate care.



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12. ECOLOGICAL INFORMATION

Ecotoxic effects: Quantitative data on the ecological effect of this product are not available.

Further ecologic data: Due to poor solubility of the product, no harmful effects on the plants and/ or aquatic organisms are to be expected when handled and used with care and attention.

13. DISPOSAL METHOD

Product : There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations . We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste .

Packaging : Disposal in compliance with official Regulations . Handle contaminated packaging as in the same way as the substance itself . If not officially specified differently , non – contaminated packaging may be treated like household waste or recycled



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14. TRANSPORT INFORMATION : Not subject to transport regulations

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : R- Phrases :

S-phrases :22 do not breathe dust

Water pollution class : 1 (slightly polluting)

16. OTHER INFORMATION

Reason for alteration

General update.

The information contained herein is based on the present state of our knowledge.

It characterises the product with regard to the appropriate safety precautions.

It does not represent a guarantee of the properties of the product.
