

Material Safety Data Sheet

ALUMINIUM
OXIDE
POWDER

Date prepared: 4th August 1995

Date revised: 23rd September 2002

0CON-007 to 022

1. Identification of the Substance/Preparation and the Company/ Undertaking

Substance or preparation trade name: *Aluminium oxide powder*

Unique reference number(s): *0CON-007 to 022*

Company/undertaking name & address: *Logitech Ltd.,
Erskine Ferry Road, Old Kilpatrick, Glasgow
G605EU, Scotland, UK*

Telephone: *(+44) 1389 875444*

Emergency telephone number: *As above*

2. Composition

Substance: *Al₂O₃ Inert Oxide - non toxic (hazardous as dust)*

% content: *95-99*

CAS number: *1344-28-1*

3. Hazards Identification

Product has no specific toxicity. Chronic health hazard: aluminose. High concentration of dust may be irritating to respiratory tract. Causes temporary discomfort in contact with eyes.

4. First Aid Measures

Inhalation: *Low health risk, treat as a nuisance dust.*

Skin contact: *Wash thoroughly with soap and water.*

Eye contact: *Irrigate thoroughly with water. If discomfort persists seek medical attention.*

Ingestion: *Wash mouth out thoroughly with soap and water. In severe cases seek medical attention.*

5. Fire-Fighting Measures

| | |
|--|---|
| Suitable extinguishing media: | <i>N/A - product is not flammable, does not support combustion and is not an explosion hazard.</i> |
| Unsuitable extinguishing media: | <i>N/A</i> |
| Special exposure hazards in fire: | <i>N/A</i> |
| Required special protective equipment for fire-fighters: | <i>N/A</i> |

6. Accidental Release Measures

| | |
|----------------------------|---|
| Personal precautions: | <i>Avoid dusting during cleaning up.</i> |
| Environmental precautions: | <i>N/E</i> |
| Methods for cleaning: | <i>For large spillages, liquids should be contained with sand or earth and transferred to container.</i> |

7. Handling and Storage

| | |
|-----------|--|
| Handling: | <i>Use with adequate ventilation. Avoid dust forming during handling.</i> |
| Storage: | <i>No restrictions established.</i> |

8. Exposure Controls

| | |
|--------------------------------------|---|
| Take measures to prevent: | <i>Dust forming during handling.</i> |
| Exposure control limits, and source: | <i>10mg/m³ - OES</i> |
| Respiratory protection: | <i>Approved NIOSH respirator.</i> |
| Hand protection: | <i>Protective gloves as needed.</i> |
| Skin protection: | <i>Plastic apron, sleeves, boots - if handling large quantities.</i> |
| Eye protection: | <i>Safety goggles or face mask if dust levels are high.</i> |

9. Physical and Chemical Properties

| | |
|-----------------------|---|
| Appearance: | <i>White, tan or grey powder.</i> |
| Odour: | <i>None.</i> |
| pH: | <i>N/E</i> |
| Boiling point: | <i>2980°C</i> |
| Melting point: | <i>2045°C</i> |
| Flashpoint (°C): | <i>N/A</i> |
| Flammability: | <i>Not flammable.</i> |
| Autoflammability: | <i>N/A</i> |
| Explosive properties: | <i>N/A</i> |
| Oxidising properties: | <i>N/A</i> |
| Vapour pressure: | <i>N/A</i> |
| Relative density: | <i>N/E</i> |
| Solubility: | <i>Insoluble in water and solvents.</i> |

10. Stability and Reactivity

| | |
|-----------------------------------|---------------|
| Stability: | <i>Stable</i> |
| Conditions to avoid: | <i>None</i> |
| Materials to avoid: | <i>None</i> |
| Hazardous decomposition products: | <i>None</i> |

11. Toxicological Information

Aluminium oxide is non-toxic, although high concentrations of dust may be irritating to the respiratory tract.

12. Ecological Information

Aluminium oxide is not classified as a hazardous waste.

13. Disposal Considerations

Dispose in accordance with local regulations.

14. Transport Information

Not Dangerous for Conveyance

15. Regulatory Information

Supply label information: ***Not Dangerous for Supply***

NOTE: THIS DATA SHEET DOES NOT CONSTITUTE A USER'S ASSESSMENT OF WORKPLACE RISK AS REQUIRED BY HSW ACT, COSHH, MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS, OR OTHER HEALTH AND SAFETY LEGISLATION.

16. Other Information

Recommendations/restrictions: ***The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.***

Use: ***Used as an abrasive lapping or polishing powder.***

Sources of key data used to compile Safety Data Sheet: ***Croner's Hazard Information and Packaging, 3/95***

Abbreviations: ***N/E: Not established
N/A: Not available***

The data contained in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.