1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name PLATINUM CATALYST 5%
Company Elemental Microanalysis Ltd
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www.microanalysis.co.uk
Telephone +44 (0) 1837 54446
Fax +44 (0) 1837 54544
Emergency telephone number +44 (0) 1837 54446

2. HAZARDS IDENTIFICATION

Main hazards No Significant Hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous ingredients</th>
<th>Conc.</th>
<th>CAS</th>
<th>EINECS</th>
<th>Symbols/Risk phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium Oxide</td>
<td>80 - 99%</td>
<td>1344-28-1</td>
<td>215-691-6</td>
<td></td>
</tr>
<tr>
<td>(Aluminium oxides respirable dust)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Platinum</td>
<td>1 - 20%</td>
<td>7440-06-4</td>
<td>231-116-1</td>
<td></td>
</tr>
<tr>
<td>(Platinum metal)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>First aid measures</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin contact</td>
<td>May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.</td>
<td></td>
</tr>
<tr>
<td>Eye contact</td>
<td>May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.</td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td>Move the exposed person to fresh air. Seek medical attention.</td>
<td></td>
</tr>
<tr>
<td>Ingestion</td>
<td>Drink 1 to 2 glasses of water.</td>
<td></td>
</tr>
</tbody>
</table>

5. FIRE FIGHTING MEASURES

<table>
<thead>
<tr>
<th>Extinguishing media</th>
<th>Use extinguishing media appropriate to the surrounding fire conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protective equipment</td>
<td>Wear suitable respiratory equipment when necessary.</td>
</tr>
</tbody>
</table>
6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Ensure adequate ventilation of the working area. Avoid raising dust.

Environmental precautions
Do not allow product to enter drains. Prevent further spillage if safe.

Clean up methods
Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling
Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. Wear suitable respiratory equipment when necessary.

Storage
Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

<table>
<thead>
<tr>
<th>Material</th>
<th>WEL 8-hr limit ppm: -</th>
<th>WEL 15 min limit ppm: -</th>
<th>WEL 8-hr limit mg/m³:</th>
<th>WEL 15 min limit mg/m³: -</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium Oxide</td>
<td>WEL 8-hr limit ppm: -</td>
<td>WEL 15 min limit ppm: -</td>
<td>WEL 8-hr limit mg/m³: 4</td>
<td>WEL 15 min limit mg/m³: -</td>
</tr>
<tr>
<td>(Aluminium oxides respirable dust)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aluminium Oxide</td>
<td>WEL 8-hr limit ppm: -</td>
<td>WEL 15 min limit ppm: -</td>
<td>WEL 8-hr limit mg/m³: 10</td>
<td>WEL 15 min limit mg/m³: -</td>
</tr>
<tr>
<td>(Aluminium oxides total inhalable dust)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Platinum</td>
<td>WEL 8-hr limit ppm: -</td>
<td>WEL 15 min limit ppm: -</td>
<td>WEL 8-hr limit mg/m³: 5</td>
<td>WEL 15 min limit mg/m³: -</td>
</tr>
<tr>
<td>(Platinum metal)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Engineering measures
Ensure adequate ventilation of the working area.

Respiratory protection
Wear suitable respiratory equipment when necessary.

Hand protection
Chemical resistant gloves (PVC)

Eye protection
Safety glasses.

Protective equipment
Wear suitable protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description
Solid.

10. STABILITY AND REACTIVITY

Materials to avoid
Combustible materials.

11. TOXICOLOGICAL INFORMATION

Toxicological information

Platinum
Oral Rat LD50 = 9100mg/kg

12. ECOLOGICAL INFORMATION

Further information
No data is available on this product.

13. DISPOSAL CONSIDERATIONS

General information
Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

Further information
The product is not classified as dangerous for carriage.
### 15. REGULATORY INFORMATION

| Risk phrases       | No Significant Hazard. |

### 16. OTHER INFORMATION

| Further information | The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. |