1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product Name    : Platinum Dispersion
Use     : Research and Development
Address    : Nanoshel LLC
            3422 Old Capitol Suit 1305
            Willmington DE – 19808
            United States

Emergency    : +1.532.253.9878

2. COMPOSITION & INFORMATION ON INGREDIENTS

Chemical Characterisation  : Pt
Hazardous Ingredients  : Nil

3. HAZARD IDENTIFICATION

Toxicity    : No Data Available
Eye Contact     : Dust may cause irritation

4. FIRST AID MEASURES

Skin     : Wash skin with soap and copious amounts of water
Eyes     : Immediate and prolonged irritation treat with copious amounts of water.
Ingestion     : Wash out mouth with water provided person is conscious.
Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

5. FIREFIGHTING MEASURES
Extinguishing Data: Water Spray
Unsuitable Extinguishing Data: Carbon Dioxide, Dry Chemical Powder, Polymer Foam
Unusual Firefighting Hazards: Capable of creating a dust explosion
Special Firefighting Procedures: Use normal procedures which include wearing self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES
Personal Precautions: Wear respirator, chemical safety goggles, rubber boots and gloves.
Precautions to the Environment: Sweep up, place in a bag and hold for waste disposal.
Cleanup Procedures: Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE
Handling Precautions: Chemical Safety Goggles. Compatible with Chemical-resistant Gloves
Storage: Store in a cool dry place.
Unusable Packaging Materials: Wash thoroughly after handling. Irritating dust, Keep tightly closed.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION
Personal Protective Equipment
Respiratory: Self-contained breathing apparatus
Hand: Chemical-resistant Gloves
Eye: Avoid contact with eyes
Skin: Wash thoroughly after handling
### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Dark Brown/ Black Suspension</td>
</tr>
<tr>
<td>Odour</td>
<td>No Odour</td>
</tr>
</tbody>
</table>

**Safety Related Information**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>FlashPoint</td>
<td>N/A</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
<tr>
<td>pH</td>
<td>7-7.5</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

- **Stability**: Completely Stable
- **Reactivity**: Non Reactive/ Non Soluble

### 11. TOXICOLOGICAL INFORMATION

**Possible Health Effects**

<table>
<thead>
<tr>
<th>Property</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>No effect</td>
</tr>
<tr>
<td>Eyes</td>
<td>Irritation</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No Chocking Hazard</td>
</tr>
<tr>
<td>Toxicity</td>
<td>Non-Toxic</td>
</tr>
</tbody>
</table>

### 12. ECOLOGICAL IMPACT

Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

No Negative Ecological Impact, Data not Available

### 13. WASTE DISPOSAL

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator, equipped with an afterburner and scrubber

### 14. TRANSPORT INFORMATION (UN ORNEK OLARAK VERİLMİŞTİR)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS Code</td>
<td>28439019</td>
</tr>
<tr>
<td>CAS</td>
<td>7440-06-4</td>
</tr>
<tr>
<td>Proper Shipping Name</td>
<td>Platinum Dispersion</td>
</tr>
<tr>
<td>Air Transport (ICAO &amp; IATA)</td>
<td>Dispersion Nanopowder</td>
</tr>
<tr>
<td>Class</td>
<td>Non Hazardous</td>
</tr>
<tr>
<td>Packing group</td>
<td>Normal Packing</td>
</tr>
<tr>
<td>Transport information</td>
<td>Not regulated for IATA (AIR)</td>
</tr>
</tbody>
</table>
15. OTHER REGULATORY INFORMATION

Federal and State Regulations: TSCA 8(b) inventory: Platinum Dispersion

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada)

DSCL (EEC):
  - R36- Irritating to eyes
  - S2- Keep out of the reach of children
  - S46- If swallowed, seek medical advice immediately & show container or label

HMIS (U.S.A.):
  - Health Hazard: 1
  - Fire Hazard: 0
  - Reactivity: 0
  - Personal Protection: E

National Fire Protection Association (U.S.A.):
  - Health: 1
  - Flammability: 0
  - Reactivity: 0
  - Specific hazard:

Protective Equipment:
  - Gloves.
  - Lab coat.
  - Dust respirator. Be sure to use an approved/certified respirator or equivalent.
  - Splash goggles.

16. OTHER INFORMATION

References: Not available
Other Special Considerations: Not available