UREA POWDER

QUICK FACTS

Product: Urea Powder
Stock No: NS6130-12-001015
CAS: 57-13-6
Color: White
Form: Powder

Urea is also known as carbamide and it is the diamide of carbonic acid. It is non-toxic, a colorless, odorless solid and highly soluble in water. It is dissolves in water only neither in acid nor in alkalis. Urea is extensively utilized in fertilizers as a source of nitrogen (N) and it is indispensable raw material for the chemical industry. Urea is applied in the cattle feed and provides nitrogen, which is important in the formation of proteins. Urea is a raw material for the fabrication of two types of materials such as urea-formaldehyde resins and urea-melamine-formaldehyde utilized in marine plywood. Urea can be employed to synthesize urea nitrate, a high explosive which is used in some improvised explosive devices. It is also act as a stabilized in nitrocellulose explosives. It is also utilised as additive in cigarettes to enhance the flavour and is indispensable material in the hair removers creams such as Nair and Veet.

APLICATIONS

✓ Fertilizers
✓ Cosmetics
✓ Paints
✓ Cigarettes

CALL NOW
+91 9779550077
9779238252
**Additional Powder Characteristics**

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Purity</th>
<th>APS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS6130-12-001015</td>
<td>99.9%</td>
<td>40-60µm</td>
</tr>
</tbody>
</table>

**Technical Specification**

<table>
<thead>
<tr>
<th>Molecular Formula</th>
<th>Molecular Weight</th>
<th>Density</th>
<th>Melting Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH₄N₂O</td>
<td>60.06g/mol</td>
<td>1.33g/cm³</td>
<td>132-135°C</td>
</tr>
</tbody>
</table>

**Properties**

- Chemical Formula: CH₄N₂O
- CAS No.: 57-13-6

**Chemical Composition**

<table>
<thead>
<tr>
<th>Product</th>
<th>Weight Percent (nominal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH₄N₂O</td>
<td>Other Metal</td>
</tr>
<tr>
<td>Urea Powder</td>
<td>99.9 %</td>
</tr>
</tbody>
</table>

**Ordering Information** and Stock Availability

- Product: Urea Powder
- Distribution: Global
- Stock Availability: Available
- Packing Sizes: 25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders

**Handling Recommendations**

- Store in the original container in a dry location.
- Tumble contents prior to use to prevent segregation.
- Open containers should be stored in a drying oven to prevent moisture pickup.

**Safety Recommendations**

Download MSDS/SDS NS6130-12-001015

Are available from the Nanoshel Website at

https://www.nanoshel.com/product/urea-powder