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MATERIAL SAFETY DATA SHEET

Section 1- PRODUCT IDENTIFICATION

<table>
<thead>
<tr>
<th>COMPOSITION</th>
<th>PRODUCT NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>NaF</td>
<td>Sodium Fluoride</td>
</tr>
</tbody>
</table>

Section 2- HAZARDOUS INGREDIENTS

Note: Products under normal conditions do not represent an inhalation, ingestion or contact health hazard.

<table>
<thead>
<tr>
<th>MATERIAL OR COMPONENT</th>
<th>CAS NUMBER</th>
<th>WT%</th>
<th>EXPOSURE LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Fluoride</td>
<td>15096-52-3</td>
<td>100</td>
<td>OSHA PEL (Mg/M3)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>NOT SET</td>
</tr>
</tbody>
</table>

Section 3- PHYSICAL DATA

<table>
<thead>
<tr>
<th>MATERIAL IS (AT NORMAL CONDITIONS)</th>
<th>APPERANCE AND ODOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Liquid □ Solid □ Gas □ Other</td>
<td>Colorless Crystals, White Powder</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MELTING POINT (BASE METAL)</th>
<th>SPECIFIC GRAVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>988 degrees C</td>
<td>2.558g/cc</td>
</tr>
</tbody>
</table>

Section 4- FIRE AND EXPLOSION

<table>
<thead>
<tr>
<th>Flash Point (Method Used)</th>
<th>Flammable Limits</th>
<th>LEL</th>
<th>UEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>Non-Flammable</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

EXTINGUISHING MEDIA

Dry Chemical, CO2

SPECIAL FIRE FIGHTING PROCEDURES

Wear SCBA when fighting chemical fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None
**Section 5- REACTIVITY DATA**

<table>
<thead>
<tr>
<th>STABILITY</th>
<th>INCOMPATABILITY (MATERIALS TO AVOID)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td>Acid, Acid fumes, Reducing agents</td>
</tr>
</tbody>
</table>

**CONDITIONS TO AVOID**

- Heat

**HAZARDOUS DECOMPOSITION PRODUCTS**

*Unknown – may emit F – and Na2O when heated to decomposition*

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**Section 6- HEALTH HAZARD GUIDE**

**MAJOR EXPOSURE HAZARD**

- Inhalation
- Skin
- Skin Absorption
- Eye Contact
- Ingestion

**EFFECTS OF OVEREXPOSURE**

*Can cause or aggravate attacks of asthma.*

**EMERGENCY & FIRST AID PROCEDURES**

*Induce Vomiting*

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**Section 7- SPILL OR LEAK PROCEDURES**

**SPILL OR LEAK PROCEDURES**

- Sweep or scoop up to remove

**WASTE DISPOSAL METHODS**

- Dispose of with normal refuse

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**Section 8- SPECIAL PROTECTION**

**RESPIRATORY**

*Inorganic fluorides are generally considered highly irritating. Irritation of mucus membrane and respiratory tract will result from inhalation. May cause skin irritation.*

**VENTILATION**

*Remove to fresh air*

**EYE PROTECTION & PROTECTIVE CLOTHING**

*Use safety glasses when handling. Use neoprene gloves. Wash thoroughly after handling.*

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**Section 9- SPECIAL PRECAUTIONS**

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