SAFETY DATA SHEET: FLUORIDE STANDARD

1. IDENTIFICATION

Product Name: FLUORIDE STANDARD

Synonyms:

Formula and Formula Weight: Mixture NA

Integra numbers beginning with: F595.7A

Recommended Use: Commercial/industrial use

Restrictions on Use: No information available

INTEGRA Chemical Company
24 Hour Emergency Response: CHEMTREC 800-424-9300 (Outside USA 703-527-3887)
1216 6th Ave N
Kent WA 98032
Phone: 253-479-7000

2. HAZARDS IDENTIFICATION

OSHA Classification: Hazard Category: Hazard Statement:
None identified Not applicable Not applicable

Hazards Not Otherwise Classified: No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Synonyms</th>
<th>CAS #</th>
<th>% Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td></td>
<td>07732-18-5</td>
<td>99.78</td>
</tr>
<tr>
<td>Sodium Fluoride</td>
<td></td>
<td>07681-49-4</td>
<td>0.22</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Inhalation: Remove person to fresh air.

Eye Contact: Flush eyes with water for at least 15 minutes. Seek immediate medical attention.

Skin Contact: Wash with soap and water. Seek medical attention if irritation develops.

Ingestion: Rinse mouth. Give victim large amounts of water and induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention.

Additional notes:

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Material is not flammable. Use extinguishing media suitable to surrounding materials.

Special Equipment and Precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.

Specific Hazards: None identified

Hazardous combustion products: None identified

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Prevent spread of spill. Absorb with sand or inert material. Sweep or scoop into a dry disposal container.

7. HANDLING AND STORAGE

Incompatible Materials: None identified

Storage and Handling: Store in a cool, dry area. Keep closed and protect containers from physical damage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

OSHA & ACGIH Exposure Limits:

<table>
<thead>
<tr>
<th>Component</th>
<th>OSHA TWA</th>
<th>ACGIH TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>None identified</td>
<td>None identified</td>
</tr>
<tr>
<td>Sodium Fluoride</td>
<td>2.5 mg/m3 (as F)</td>
<td>2.5 mg/m3 (as F)</td>
</tr>
</tbody>
</table>

Engineering Controls: Use general or local exhaust ventilation to meet TLV and PEL requirements.

Respiratory Protection: None required where adequate ventilation controls exist. If airborne concentration exceeds PEL or TLV, use a NIOSH approved respirator with a particulate filter.

Skin/Eye Protective Equipment: Safety goggles, protective clothing and gloves appropriate for the risk of exposure.

Facilities storing or utilizing this material should have readily accessible eyewash stations and safety showers. Select respirators and other safety equipment in accordance with regulations and based upon the particular conditions of use and risk of exposure. Always use safe chemical-handling and good industrial hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colorless liquid

Odor: Not available

Odor Threshold: Not available

pH: Not available

Melting/Freezing Point: Not available

Initial Boiling Point and Boiling Range: Not available
Flash Point: Not available
Evaporation Rate: Not available
Flammability: Not available
Flammable or Explosive: Upper: Not available
Limits (% by volume in air) Lower: Not available
Vapor Pressure: Not available
Vapor Density: Not available
Relative Density: Not available
Solubility: Miscible with water
Partition Coefficient: n-octanol/water Not available
Auto-Ignition Temperature: Not available
Decomposition Temperature: Not available
Viscosity: Not available

10. STABILITY AND REACTIVITY
Reactivity: No information available
Stability: Stable
Possibility of Hazardous Reactions: Hazardous polymerization will not occur
Conditions to Avoid: None identified
Incompatibles: None identified
Decomposition Products: None identified

11. TOXICOLOGICAL INFORMATION
Effects of Over Exposure:
Inhalation: None identified
Skin Contact: None identified
Eye Contact: None identified
Ingestion: May be harmful if swallowed.
Chronic Effects: Repeated exposure to sodium fluoride may cause fluorosis. Symptoms include weight loss, brittleness of bones, anemia, weakness, joint stiffness, tooth damage and osteosclerosis.
Target Organs: None identified
Additional Effects: None identified
Reproductive Effects: None identified
Carcinogenicity: None identified

Toxicity Data:
Water No information available
Sodium Fluoride
LD50 (intravenous, rat) 26 mg/kg
LD50 (oral, rat) 31 mg/kg

12. ECOLOGICAL INFORMATION
Aquatic Toxicity Data: No information available
Terrestrial Toxicity Data: No information available
Water No information available
Sodium Fluoride No information available
Persistence and degradability: No information available
Bioaccumulative potential: No information available
Mobility in soil: No information available
Other adverse effects: No information available

13. DISPOSAL CONSIDERATIONS
Disposal Procedures: Dispose of material and containers in accordance with all local, state and federal regulations.

14. TRANSPORTATION INFORMATION
This product is not a regulated material for domestic ground transporation.

Environmental hazards: No information available
Special precautions: No information available
Bulk transport: No information available

15. REGULATORY INFORMATION
Sodium Fluoride is listed in the TSCA inventory.

16. OTHER INFORMATION
OSHA SDS #: 25667 rev 101 8.4.2017

NE = Not established, NA = Not applicable or Not available
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***** END OF SDS *****