SAFETY DATA SHEET: XYLENOL ORANGE, Sodium Salt

1. IDENTIFICATION
Product Name: XYLENOL ORANGE, Sodium Salt
Synonyms:
Formula and Formula Weight: C31H28N2Na4O13S  760.60
Integra numbers beginning with: X474.50
Recommended Use: Commercial/industrial use
Restrictions on Use: No information available

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INTEGRA Chemical Company
24 Hour Emergency Response: CHEMTREC 800-424-9300 (Outside USA 703-527-3887)

2. HAZARDS IDENTIFICATION
OSHA Classification: None identified
Hazard Category: Not applicable
Hazard Statement: 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>Xylenol orange, sodium salt</td>
<td>3,3'-Bis[N,N-bis(carboxymethyl)aminomethyl]-ocsresolsulfonephthaleintetrasodium salt</td>
<td>03618-43-7</td>
<td>100</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES
Inhalation: Remove person to fresh air.
Eye Contact: Flush eyes with plenty of water. If irritation persists, seek medical attention.
Skin Contact: Wash with soap and water. Seek medical attention if irritation develops.
Ingestion: If conscious, rinse mouth and give victim large amounts of water. Seek medical attention.

5. FIRE-FIGHTING MEASURES
Extinguishing Media: Use extinguishing media appropriate for surrounding fire.
Special Equipment and Precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.
Specific Hazards: As with most organic solids, combustion is possible at elevated temperatures.

6. ACCIDENTAL RELEASE MEASURES
Spill Procedures: Remove all potential ignition sources. Prevent spread of spill. Wear suitable protective equipment. Sweep or scoop into disposal container in a manner that minimizes dust dispersion.

7. HANDLING AND STORAGE
Incompatible Materials: Incompatible with strong oxidizers.
Storage and Handling: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers tightly closed and protect them from physical damage. Protect from direct light and minimize contact with air.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION
OSHA & ACGIH Exposure Limits:
Xylenol orange, sodium salt None identified
Engineering Controls: Use adequate general or local exhaust ventilation to keep fume and/or dust levels as low as possible.
Respiratory Protection: If use generates annoying or irritating dusts, mists or vapors, use a NIOSH approved respirator with a particulate filter.
Skin/Eye Protective Equipment: Safety glasses.
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
    Apearance: Orange to brown powder
    Odor: Not available
    Odor Threshold: Not available
    pH: Not available
    Melting/Freezing Point: >300 °C
    Initial Boiling Point and Boiling Range: Not available
10. STABILITY AND REACTIVITY

Reactivity: No information available
Stability: Stable
Possibility of Hazardous Reactions: Hazardous polymerization will not occur
Conditions to Avoid: Excessive heat and exposure to light.
Incompatibles: Incompatible with strong oxidizers.

11. TOXICOLOGICAL INFORMATION

Effects of Over Exposure:
Inhalation: None identified
Skin Contact: None identified
Eye Contact: None identified
Ingestion: None identified
Additional Effects: None identified
Carcinogenicity: None identified

Toxicity Data:
Xylenol orange, sodium salt No information available.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity Data: No information available
Terrestrial Toxicity Data: 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

Xylenol orange, sodium salt is listed in the TSCA inventory.

16. OTHER INFORMATION

OSHA SDS #: 26659 rev 101 3/27/2015

NE = Not established, NA = Not applicable or Not available

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***** END OF SDS *****