Section 1 - Chemical Product and Company Identification

**MSDS Name:**
Xylenol orange, sodium salt

**Catalog Numbers:**
LC26990

**Synonyms:**
Xylenol Orange, sodium salt

**Company Identification:**
LabChem Inc
200 William Pitt Way
Pittsburgh, PA 15238

**Company Phone Number:**
(412) 826-5230

**Emergency Phone Number:**
(800) 424-9300

**CHEMTREC Phone Number:**
(800) 424-9300

Section 2 – Composition, Information on Ingredients

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name:</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>3618-43-7</td>
<td>Xylenol orange, sodium salt</td>
<td>100</td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

**Emergency Overview**

*Appearance:* Dark red solid.

*Danger!* May cause irritation. This is expected to be a low hazard for usual industrial handling

*Target Organs:* None.

**Potential Health Effects**

*Eye:*
May cause eye irritation.

*Skin:*
May cause skin irritation.

*Ingestion:*
May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Low hazard for usual industrial handling.

*Inhalation:*
Dust is irritating to the respiratory tract.

*Chronic:*
No information found.
Material Safety Data Sheet
Xylenol orange, sodium salt

Section 4 - First Aid Measures

Eyes:
Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:
Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Ingestion:
Call a poison control center. If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical aid.

Inhalation:
Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation.

Notes to Physician:
Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information:
As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media:
In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

Autoignition Temperature:
Not available.

Flash Point:
Not applicable.

NFPA Rating:
(estimated) Health: 1; Flammability: 1; Instability: 0

Explosion Limits:
Lower: n/a  Upper: n/a

Section 6 - Accidental Release Measures

General Information:
Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:
Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.
Section 7 - Handling and Storage

Handling:
Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid breathing dust.

Storage:
Store in a cool, dry place. Keep containers tightly closed.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits:

<table>
<thead>
<tr>
<th>Chemical Name:</th>
<th>ACGIH</th>
<th>NIOSH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylenol orange tetrasodium salt</td>
<td>none listed</td>
<td>none listed</td>
<td>none listed</td>
</tr>
</tbody>
</table>

OSHA Vacated PELs:
Xylenol orange tetrasodium salt: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes:
Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA’s eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin:
Wear appropriate gloves to prevent skin exposure.

Clothing:
Wear appropriate protective clothing to prevent skin exposure.

Respirators:
Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>Dark red</td>
</tr>
<tr>
<td>Odor:</td>
<td>None reported</td>
</tr>
<tr>
<td>pH:</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing/Melting Point:</td>
<td>210°C</td>
</tr>
<tr>
<td>Decomposition Temperature:</td>
<td>210°C</td>
</tr>
<tr>
<td>Solubility in water:</td>
<td>Soluble</td>
</tr>
</tbody>
</table>
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Specific Gravity/Density: Not available
Molecular Formula: C31H28N2Na4O13
Molecular Weight: 760.59

Section 10 - Stability and Reactivity

Chemical Stability:
Stable under normal temperatures and pressures.

Conditions to Avoid:
Dust generation.

Incompatibilities with Other Materials:
Strong oxidizing agents.

Hazardous Decomposition Products:
Nitrogen oxides, carbon monoxide, and oxides of sulfur, carbon dioxide.

Hazardous Polymerization:
Will not occur.

Section 11 - Toxicological Information

RTECS:
CAS# 3618-43-7: unlisted.

LD50/LC50:
Not available

Carcinogenicity:
CAS# 3618-43-7: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology:
No information found

Teratogenicity:
No information found

Reproductive:
No information found

Mutagenicity:
No information found

Neurotoxicity:
No information found

Section 12 - Ecological Information

No information found

Section 13 - Disposal Considerations

Dispose of in accordance with Federal, State, and local regulations.
Material Safety Data Sheet
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Section 14 - Transport Information

US DOT
Shipping Name: Not regulated
Hazard Class:
UN Number:
Packing Group:

Section 15 - Regulatory Information

US Federal
TSCA:
CAS# 3618-43-7 is listed on the TSCA inventory.
SARA Reportable Quantities (RQ):
None of the chemicals in this material have an RQ.
CERCLA/SARA Section 313:
No chemicals are reportable under Section 313.
OSHA - Highly Hazardous:
None of the chemicals in this product are considered highly hazardous by OSHA.

US State
State Right to Know:
CAS# 3618-43-7 is not present on state lists from California, Pennsylvania, Minnesota, Massachusetts, Florida, or New Jersey.
California Regulations:
None.

European/International Regulations
Canadian DSL/NDSL:
CAS# 3618-43-7 is listed on Canada's DSL List.
Canada Ingredient Disclosure List:
CAS# 3618-43-7 is listed on the Canadian Ingredient Disclosure List.

Section 16 - Other Information

MSDS Creation Date: November 12, 2007
Revision Date: May 12, 2010

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