Tastes Great™ Alginate Flavoring

SECTION 1: Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier

Product code: 250-101 thru 250-122; 251-101 thru 251-115
Product name: Tastes Great™ Alginate Flavoring
Product description: 7054M8IE
Active ingredient(s): Sodium Saccharin

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Manufacturer
Ortho Technology, Inc.
17401 Commerce Park Boulevard
Tampa, FL 33647
Emergency Phone: 1-800-999-3161
E-Mail: ljohnson@orthotechnology.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC

2.2. Label elements

Carcinogenicity

2.3. Other hazards

Health hazards: Acute and Chronic Health Hazards: Saccharin has been listed by IARC, NTP, OSHA or ACGIH as a carcinogen. This is sufficient evidence for the carcinogenicity of saccharin in experimental animals (IARC V.22, 1980; IARC S.4, 1982; IARC S.7, 1987). An IARC working group reported that there is no adequate evidence of the carcinogenicity of saccharin in humans (IARC S.7, 1987). Occupational Exposure has no known problems.

SECTION 3: Composition / information on ingredients

3.1. Substances

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS</th>
<th>EINECS No.</th>
<th>Vol. %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Saccharin</td>
<td>128-44-9</td>
<td>204-886-1</td>
<td>99+%</td>
</tr>
</tbody>
</table>

3.2. Mixtures

Not Applicable

SECTION 4: First aid measures

4.1. Description of first aid measures
Tastes Great™ Alginate Flavoring

Following eyes: Flush eyes with plenty of water, seek medical attention.

Following skin: Wash off with soap and water. If irritation occurs consult a physician.

Following ingestion: If swallowed, immediately drink two glasses of water and induce vomiting by either giving ipecac syrup or by placing finger at back of throat. Seek medical attention immediately.

Following inhalation: NA = Not Applicable

4.2. Most important symptoms and effects, both acute and delayed

Eyes: Mild eye irritation (stinging, tearing and redness)

Skin: Mild skin irritation (itching, redness and burning sensation)

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Extinguishing media: Chemical foam, Carbon Dioxide or Dry Chemical.

5.2. Special hazards arising from the substance or mixture

Explosion hazards: None Known

5.3. Advice for firefighters

Fire fighting procedures: None required

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Small spill: Clean up using gloves, wiping with paper towels. Dispose in an approved manner.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Storage: Do Not Freeze.

7.2. Conditions for safe storage, including any incompatibilities

Storage temperature: 10°C (50°F) Minimum to 24°C (75°F) Maximum

7.3. Specific end use(s)

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

8.2. Exposure controls

Engineering controls: Ventilation: Local Exhaust: Recommended

Mechanical: Normal Ventilation
Tastes Great™ Alginate Flavoring

Eye/face protection : Eye protection recommended
Skin protection : Protective gloves recommended
Respiratory protection : Generally not necessary
Protective clothing : None
Work hygienic practices : Normal safe practices. Use only in a highly professional manner.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Oily liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Sweet tasting oily liquid with a characteristic odor.</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic odor and sweet taste</td>
</tr>
<tr>
<td>Melting temperature</td>
<td>NA = Not Applicable</td>
</tr>
<tr>
<td>Boiling temperature</td>
<td>NA = Not Applicable</td>
</tr>
<tr>
<td>Flash point</td>
<td>NA = Not Applicable</td>
</tr>
<tr>
<td>Flammable limits</td>
<td>NA = Not Applicable</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>NA = Not Applicable</td>
</tr>
<tr>
<td>Vapor density</td>
<td>NA = Not Applicable</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>NA = Not Applicable</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Partially Soluble</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>NA = Not Applicable</td>
</tr>
</tbody>
</table>

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability : Stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization : Will not occur.

10.4. Conditions to avoid

Conditions to avoid : Excessive heat and bright sunlight.

10.5. Incompatible materials

Incompatible materials : Avoid Oxidizing Agents.

10.6. Hazardous decomposition products

Hazardous decomposition products : None Known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Tastes Great™ Alginate Flavoring

SECTION 12: Ecological information

12.1. Toxicity
12.2. Persistence and degradability
12.3. Bioaccumulative potential
12.4. Mobility in soil
12.5. Results of PBT and vPvB assessment
12.6. Other adverse effects

Additional information: None Reported.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal method: Current regulations requires handling saccharin as hazardous waste, in accordance with local, state, and federal (RCRA) regulations.

SECTION 14: Transport information

14.1. UN number
14.2. UN proper shipping name
14.3. Transport hazard class(es)
14.4. Packing group
14.5. Environmental hazards
14.6. Special precautions for user
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Additional information: None known.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
15.2. Chemical safety assessment

Additional information: None known.

SECTION 16: Other information

Reason for issue: New MSDS Format
Approved by: Jodi Hutchins  Title: RA/QA, Director
Prepared by: Thomas Swan
Information contact: 1-800-999-3161
Revision summary: This MSDS replaces the 02/17/2009 MSDS. Revised: Section 1: REASON FOR ISSUE. Section 2: Section 3:
Manufacturer disclaimer: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its
Tastes Great™ Alginate Flavoring

subsidaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.