

**AERCHEM INC.**  
**320 North Walnut**  
**Bloomington, IN 47404**

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

---

**SECTION 1: IDENTIFICATION**

**Effective Date:** 12/17/96  
**Product Name:** SODIUM SACCHARIN DIHYDRATE  
**Common Name:** soluble saccharin; sodium o-benzosulfimide  
**Chemical Formula:** C7H4NNaO3S· 2H2O  
**CAS No.:** 6155-57-3

---

**SECTION 2: HAZARDOUS INGREDIENTS:**

Very slightly to slightly dangerous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation

---

**SECTION 3: PHYSICAL DATA**

Appearance and Odor:	solid
Boiling point:(760 mmHg)	n/a
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	n/a
Solubility in water:(by weight)	soluble in cold water, hot water
Melting Point:	decomposes
Volatility:	n/a
Vapor Density:	n/a

---

**SECTION 4: FIRE AND EXPLOSION DATA**

Flash point:	n/a
Flammable limit:	n/a; product is combustible
Extinguishing Media:	small: dry chemicals, CO2, water spray or foam large: water spray, fog or foam, do not use water jet.
Fire Fighting Procedures:	n/a
Unusual Fire and Explosion Hazards:	n/a
Products of combustion:	carbon oxides, nitrogen oxides, sulfur oxides, some metallic oxides

---

**SECTION 5: REACTIVITY DATA**

Stable _____ X _____	Unstable _____
<b>Conditions to Avoid:</b>	n/a
<b>Incompatibilities:</b>	n/a; non-corrosive in presence of glass
<b>Hazardous Decomposition or byproducts:</b>	products of degradation are more toxic- see section 4
<b>Hazardous Polymerization:</b>	no

---

**SECTION 6: HEALTH HAZARD DATA**

<b>Threshold Limit Value (TLV):</b>	n/a
<b>Toxicity:</b>	
<b>Oral LD50 (rat):</b>	n/a

This product is a chemical known to the state of California to cause cancer.

---

**SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES**

**Spillage:** Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on contaminated surface and dispose of according to local and regional authority requirements.

**Disposal:** Recycle to process, if possible. Consult your local or regional authorities.

---

**SECTION 8: FIRST AID PROCEDURES**

- Eyes:** Check for any remove any contact lenses. Immediately flush eye with running water for at least 15 minutes, keeping eyelids open. Cold water may be used.
- Skin:** Remove contaminated clothes. Place victim under deluge shower. Gently and thoroughly wash contaminated skin with running water and non-abrasive soap. Clean folds, crevices, creases and groin. Cold water may be used. Cover irritated skin with an emollient. Seek medical help if irritation persists.
- Inhalation:** Allow victim to rest in well ventilated area. Seek medical attention.
- Ingestion:** Remove any dentures. Have conscious person drink several glasses of water or milk. Induce vomiting by sticking finger in throat. Lower head so vomit will not reenter mouth and throat. Never give an unconscious person anything to ingest. Seek medical attention.
- 

**SECTION 9: PRECAUTION TO BE TAKEN IN HANDLING AND STORING**

Keep away from heat, sources of ignition, and strong oxidizing agents. Keep container dry, in a cool, well ventilated place, and tightly closed. Ground all equipment containing material. Do not breathe dust.

---

**SECTION 10: SPECIAL PROTECTION INFORMATION**

- Ventilation:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.
- Eye Protection:** safety glasses
- Protective Gloves:** in case of large spill
- Respiratory Protection:**
- Other Protective Gear:** lab coat
- 

**SECTION 11: TRANSPORT INFORMATION**

- DOT classification:** not regulated
- DOT pictograms:**