



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.  
Avon, New York 14414  
(716) 226-6177

MSDS No. SS 10  
Effective Date February 17, 1997

## SECTION V HEALTH HAZARD DATA

SS 10

**Threshold Limited Value** None established. RTECS No. DE4550000 Toxicity data: Ori-rat LD50: 14200 mg/kg, ori-rbt LDLo: 5000 mg/kg. As Nuisance dust: ACGIH 10 mg/m<sup>3</sup>, OSHA 15 mg/m<sup>3</sup>.

**Effects of Overexposure** Suspected carcinogen based on tests with laboratory animals. Inhalation of dusts may cause respiratory tract irritation. Eye contact may cause irritation. Exercise appropriate procedures to minimize potential hazards.

**Emergency and First Aid Procedures**

**EYES:** Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation persists, get medical attention.  
**SKIN:** Flush thoroughly with water, then wash with mild soap and water.  
**INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink and call a physician. Never give anything by mouth to an unconscious person. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Excessive temperature, heat and humidity.
	<b>Stable</b>	X		

**Incompatibility (Materials to Avoid)** Strong oxidizers.

**Hazardous Decomposition Products** When heated to decomposition, emits toxic fumes of oxides of sulfur (SO<sub>x</sub>) and oxides of nitrogen (NO<sub>x</sub>). May include carbon monoxide.

<b>Hazardous Polymerization</b>		<b>Conditions to Avoid</b>	Not applicable.
<b>May Occur</b>	<b>Will Not Occur</b>		
	X		

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled** Ventilate area well. Recover for use if not contaminated. Sweep up and place in a suitable container for proper disposal.

**Waste Disposal Method** Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.

Dispose of in an approved incinerator equipped with an afterburner and scrubber.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** None should be needed in normal laboratory use. If dusty conditions prevail, use a NIOSH/MSHA approved respirator or work in a ventilation hood.

<b>Ventilation</b>	<b>Local Exhaust</b>	<b>Recommended.</b>	<b>Special</b>	No.
	<b>Mechanical (General)</b>	<b>Not required.</b>	<b>Other</b>	No.

**Protective Gloves** None needed. **Eye Protection** Chemical safety glasses.

**Other Protective Equipment** Smock, apron, goggles, ventilation hood and eye wash station.

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Store in a cool, dry place away from strong oxidizing materials. Wash thoroughly after handling.

Keep container tightly closed when not in use.

**Other Precautions** Read label on container before using. Do not wear contact lenses when working with chemicals.

Do not take internally.  
Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

<b>Revision</b> No. 4	<b>Date</b> 2/17/97	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> MR
-----------------------	---------------------	---------------------------------	---------------------------------------

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. \* Hazardous Materials Industrial Standards. Printed on recycled paper.

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	SACCHARIN, SODIUM	 <b>CHEMTREC</b> <b>800-424-9300</b> Day 716-226-6177  <b>NFPA HAZARD RATING</b> LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4	<b>Health</b>	1
<b>Chemical Synonyms</b>	Sodium 1,2-benzisothiazolin-3-one-1,1-dioxide		<b>Fire</b>	0
<b>Formula</b>	(C <sub>6</sub> H <sub>4</sub> SO <sub>2</sub> NCO)Na		<b>Reactivity</b>	0
<b>Unit Size</b>	up to 2.5 Kg.		<b>HMIS *</b>	
<b>C.A.S. No.</b>	128-44-9			

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Saccharin, Sodium	94-95%	None established.
Water: (CAS No. 7732-18-5) (moisture)	5-6%	

CAUTION! MAY CAUSE EYE AND SKIN IRRITATION.

## SECTION III PHYSICAL DATA

<b>Melting Point (°F)</b>	Decomposes >300°C (>500°F)	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	>1
<b>Boiling Point (°F)</b>	Sublimes.	<b>Percent Volatile by Volume (%)</b>	N/A
<b>Vapor Pressure (mm Hg)</b>	Data not listed.	<b>Evaporation Rate</b>	(=1) N/A
<b>Vapor Density (Air=1)</b>	Data not listed.		
<b>Solubility in Water</b>	46% by weight @ 20°C.		
<b>Appearance &amp; Odor</b>	White crystalline powder; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	Not applicable.	<b>Flammable Limits in Air % by Volume</b>	N/A	<b>Lower</b>	<b>Upper</b>
<b>Extinguisher Media</b>	Use carbon dioxide (CO <sub>2</sub> ); dry chemical (ABC); water spray.				

### SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA approved self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

When heated to decomposition, emits toxic fumes of oxides of sulfur (SO<sub>x</sub>) and oxides of nitrogen (NO<sub>x</sub>).

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20