



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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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/m³, OSHA 15 mg/m³.

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

Stability	Unstable	Stable	Conditions to Avoid	Excessive temperature, heat and humidity.
		X		

Incompatibility (Materials to Avoid)	Strong oxidizers.
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Hazardous Decomposition Products	When heated to decomposition, emits toxic fumes of oxides of sulfur (SO _x) and oxides of nitrogen (NO _x). May include carbon monoxide.
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Hazardous Polymerization	Conditions to Avoid
May Occur	Will Not Occur
	X
	Not applicable.

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.
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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.
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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.			
Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Not required.	Other	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.
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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.

Revision	No. 4	Date	2/17/97	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
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SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	SACCHARIN, SODIUM
Chemical Synonyms	Sodium 1,2-benzisothiazolin-3-one-1,1-dioxide
Formula	(C ₆ H ₄ SO ₂ NCO)Na
Unit Size	up to 2.5 Kg.
C.A.S. No.	128-44-9

CHEMTREC
800-424-9300
Day 716-226-6177

NFPA HAZARD RATING
LEAST SLIGHT MODERATE HIGH EXTREME
0 1 2 3 4

Health	1
Fire	0
Reactivity	0

HMIS *

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

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

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not applicable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Use carbon dioxide (CO ₂); 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_x) and oxides of nitrogen (NO_x).

D.O.T. NON-REGULATED.

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