



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. IX 58
Effective Date March 8, 1999

SECTION V HEALTH HAZARD DATA

IX 58

Threshold Limited Value

Toxicity data: LD50 (orl-rat) 3000 mg/kg.

Effects of Overexposure

INHALATION: Causes irritation of mucous membranes, nose, eyes and throat, coughing and difficulty in breathing. **SKIN CONTACT:** May cause irritation or dermatitis in some individuals upon prolonged contact. **EYE CONTACT:** Causes painful burning or stinging of eyes and lids, watering of eyes, conjunctivitis, opaqueness of cornea, possibly leading to loss of sight. **INGESTION:** May cause nausea, diarrhea, abdominal cramps.

Emergency and First Aid Procedures

EYES: Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INGESTION:** If conscious, give water to drink, induce vomiting and get medical attention. 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. Call a physician.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature, spark, open flame.
	Stable	X		

Incompatibility (Materials to Avoid)	Strong oxidizers and reducing agents.
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Hazardous Decomposition Products	Acrid smoke and fumes emitted when heated to decomposition.
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Hazardous Polymerization	Conditions to Avoid	Not applicable.
		X

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Absorb with an inert dry material and place in a suitable container for proper disposal. Wash spill area with soap and water.
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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 accordance with federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	Local exhaust ventilation is required. Use a NIOSH/MSHA approved respirator. Do not use in confined areas.
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Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves	Rubber.	Eye Protection	Chemical safety goggles.
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Other Protective Equipment	Lab coat, apron, proper gloves, goggles, eye wash station, ventilation hood.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool place away from strong oxidizers. Preferably 15 - 49°C (59 - 120°F). Wash thoroughly after handling. Keep container tightly closed when not in use.
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Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
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Use with adequate ventilation. Do not get in eyes. Avoid breathing dust. Remove and wash contaminated clothing.

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

Revision No. 2	Date 3/8/99	Approved Michael Raszeja	Chemical Safety Coordinator	MR
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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

Product	IGEPAL CO-630 Surfactant		
Chemical Synonyms	Nonylphenoxypoly (Ethyleneoxy) Ethanol		
Formula	$(C_{2}H_{4}O)_{n}C_{15}H_{24}O$		
Unit Size	up to 5 gal.		
C.A.S. No.	9016-45-9		

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

Health	3
Fire	1
Reactivity	0

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

HMIS *
0 1 2 3 4

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Igepal CO-630 Surfactant	100%	None established.

WARNING! MAY CAUSE IRRITATION TO

THE SKIN, EYES AND MUCOUS MEMBRANES.

SECTION III PHYSICAL DATA

Melting Point (°F)	N/A	Specific Gravity (H ₂ O = 1)	1.06
Boiling Point (°F)	> 200°C (392°F)	Percent Volatile by Volume (%)	< 0.5
Vapor Pressure (mm Hg)	< 0.01 @ 25°C	Evaporation Rate (=1)	Not volatile.
Vapor Density (Air=1)	N/A		
Solubility in Water	Soluble.		
Appearance & Odor	Free flowing, slightly viscous liquid; aromatic odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	> 93°C (200°F) [PM/CC]	Flammable Limits in Air % by Volume	N/A	Lower	Upper
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Extinguisher Media	Use any media suitable for extinguishing surrounding fire.
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SPECIAL FIREFIGHTING PROCEDURES

In the event of a fire, wear full protective clothing and a NIOSH/MSHA approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Product will burn under fire conditions. Fire or excessive heat may produce hazardous decomposition products.

D.O.T.	Non Regulated.
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Approved by U.S. Department of Labor "essentially similar" to form OSHA-20