



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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

MSDS No. OX 7  
Effective Date July 8, 1996

## SECTION V HEALTH HAZARD DATA

OX 7

**Threshold Limited Value** ACGIH (1992-93) none established. RTECS # SM962500  
Toxicity data: orl-rat LD50: 2160 mg/kg; orl-mus LD50: 3210 mg/kg.  
Inhalation data: skn-rbt 20 mg/24H MOD; eye-rbt 50 ug/24H SEV.

**Effects of Overexposure** Extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes and skin. Inhalation may be fatal as a result of spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema. Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

**Emergency and First Aid Procedures**  
**EYES:** Flush thoroughly with water for 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention. **SKIN:** Flush thoroughly with soap and water. Get medical attention. **INGESTION:** Do NOT induce vomiting. If conscious, wash mouth out with water. Get immediate 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. Get medical attention.

## SECTION VI REACTIVITY DATA

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

**Incompatibility (Materials to Avoid)** Strong oxidizing agents, strong bases.

**Hazardous Decomposition Products** May produce hazardous decomposition products of Carbon monoxide and Carbon dioxide.

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

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled** Wear protective safety equipment and provide adequate ventilation. Recover for use if not contaminated. Sweep up spilled material with a minimum of dusting. Place in a suitable container for proper disposal. Wash spill area with soap and water.

**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. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber or contract with a licensed waste disposal system.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA approved dust/mist respirator.

<b>Ventilation</b>	<b>Local Exhaust</b>	<b>Recommended</b>	<b>Special</b>	No
	<b>Mechanical (General)</b>	<b>Recommended</b>	<b>Other</b>	No

<b>Protective Gloves</b>	Rubber	<b>Eye Protection</b>	Chemical Safety Goggles.
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**Other Protective Equipment** Apron, lab coat, proper gloves, eye wash station, ventilation hood.

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Store in a cool, dry area away from oxidizing agents or strong bases. 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.

Avoid contact with skin, eyes and clothing. Use with adequate ventilation. 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> 1	<b>Date</b> 7/8/96	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> MR
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The information contained herein is furnished without warranty of any kind. Employees 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>	4-TERT OCTYLPHENOL	 <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>HMIS *</b> HEALTH FIRE REACTIVITY 3 0 1
<b>Chemical Synonyms</b>	p-tert-octylphenol	
<b>Formula</b>	(CH <sub>3</sub> ) <sub>3</sub> CCH <sub>2</sub> C(CH <sub>3</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>4</sub> OH	
<b>Unit Size</b>	up to 180 Kg	
<b>C.A.S. No.</b>	140-66-9	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
4-tert octylphenol	100%	None established
<b>WARNING! CAUSES BURNS. HARMFUL IF SWALLOWED,</b>		
<b>INHALED OR ABSORBED THROUGH SKIN.</b>		

## SECTION III PHYSICAL DATA

Melting Point (°F)	81°-84°C (177°-183°F)	Specific Gravity (H <sub>2</sub> O = 1)	N/A
Boiling Point (°F)	175°C (347°F)	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate ( =1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	N/A		
Appearance & Odor	White powder or flakes;		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	Non-flammable	<b>Flammable Limits in Air % by Volume</b>	N/A	<b>Lower</b>	<b>Upper</b>
<b>Extinguisher Media</b>	Foam, Carbon dioxide, Dry chemical, Water spray.				

### SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Use water spray to keep fire exposed containers cool.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Contact with strong oxidizers may cause fire. Emits toxic fumes under fire conditions.

(1993 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.6, GUIDE PAGE NO. 60)

D.O.T. Corrosive solids, n.o.s., (4-tert octylphenol), 8, UN 1759, PG III.

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