



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. PP 300
Effective Date November 16, 1998

SECTION V HEALTH HAZARD DATA

PP 300

Threshold Limited Value ACGIH (1992-93) STEL 0.3 mg/m³. 0.1 mg/m³ OSHA TWA Skin.
RTECS No. TJ7875000: 250 mg/kg orl-cat LDLo; 120 mg/kg orl-rbt LDLo; 100 mg/kg orl-guinea pig.

Effects of Overexposure Picric acid dust causes sensitization dermatitis. May cause skin discoloration. Inhalation of dust causes unconsciousness, weakness, muscle pain, kidney problems. Ingestion causes headache, dizziness, nausea, vomiting, diarrhea. Material is irritating to mucous membranes and upper respiratory tract. Eye contact may cause irritation, sensitization, corneal injury.

Emergency and First Aid Procedures

INGESTION: If swallowed, if conscious, rinse mouth with water and call physician. Never give anything by mouth to an unconscious person.

EYES: Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INHALATION:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

SECTION VI REACTIVITY DATA

Stability **Unstable** **Conditions to Avoid** Excessive temperature, heat, ignition sources.

Incompatibility (Materials to Avoid) Strong oxidizing agents, metals, reducing agents, ammonia, strong bases.

Hazardous Decomposition Products May produce toxic fumes carbon monoxide, carbon dioxide, nitrogen oxides.

Hazardous Polymerization **Conditions to Avoid**

May Occur **Will Not Occur** Not applicable.

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Remove all sources of ignition. **Small spills:** Flush area with flooding amounts of water. **Large spills:** Wet down with water and dike for later disposal. Ventilate area and wash spill site after material pickup is complete.

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.

Contract with a licensed waste disposal service.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) Wear a NIOSH/MSHA-approved respirator.

Ventilation

Local Exhaust	Recommended.	Special	No.
Mechanical (General)	Recommended.	Other	No.

Protective Gloves Rubber. **Eye Protection** Chemical safety goggles.

Other Protective Equipment Lab coat, apron, gloves, faceshield, eye wash station, ventilation hood.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool, dry place away from sources of ignition. Material must be wet at all times. Keep tightly closed. Wash thoroughly after handling. Material over two years old should be disposed.

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

Do not breathe vapors. Use with adequate ventilation. Avoid contact with skin, eyes and mucous membranes. 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** 11/16/98 **Approved** Michael Raszeja **Chemical Safety Coordinator** 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

Product	PICRIC ACID
Chemical Synonyms	2,4,6-Trinitrophenol Wetted
Formula	Mixture
Unit Size	up to 1 gallon
C.A.S. No.	Mixture

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

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

Health 2
Fire 2
Reactivity 2

HMIS *
3 4

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Picric Acid: (CAS No. 88-89-1)	1.321%	See Section V.
Water: (CAS No. 7732-18-5)	98.67%	None established.

DANGER! FLAMMABLE! HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. IRRITANT TO SKIN, EYES AND MUCOUS MEMBRANES.

SECTION III PHYSICAL DATA

Melting Point (°F)	121°-123°C (250°-253°F)	Specific Gravity (H ₂ O = 1)	1.7683 - 1.8
Boiling Point (°F)	Explodes above 300°C (572°F)	Percent Volatile by Volume (%)	98%
Vapor Pressure (mm Hg)	1 mm @ 195°C	Evaporation Rate (Water = 1)	1
Vapor Density (Air=1)	7.9		
Solubility in Water	1.4%		
Appearance & Odor	Wet slurry or pale yellow crystals; odorless.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable solid.	Flammable Limits in Air % by Volume	NA	Lower	Upper
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Extinguisher Media	Water; dry chemical; appropriate foam.				

SPECIAL FIREFIGHTING PROCEDURES

Flood with water, cool containers with flooding amounts of water. Apply from as far a distance as possible. Avoid breathing corrosive vapors. Wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing.

(1996 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.7, GUIDE PAGE NO. 113)

UNUSUAL FIRE AND EXPLOSION HAZARDS

Dangerous fire and explosion hazard when exposed to heat, flame or by chemical reaction with incompatible substances. The dried material is highly explosive. Emits toxic fumes under fire conditions.

Autoignition Temperature: 300°C (572°F)

D.O.T. TRINITROPHENOL, WETTED, 4.1, UN 1344, PG I

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