



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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

MSDS No. TT 71  
Effective Date May 21, 1999

## SECTION V HEALTH HAZARD DATA TT 71

### Threshold Limited Value

None listed. Toxicity as solid: Orl-wmn TDLo: 600 mg/kg/15D;  
mul-wmn LDLo: 310 mg/kg. RTECS No. Q18750000

### Effects of Overexposure

Direct contact with material may cause mild eye and skin irritation.  
Inhalation as mist may cause respiratory tract irritation. Exercise  
appropriate procedures to minimize potential hazards.

### Emergency and First Aid Procedures

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

## SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature to cause evaporation.
	Stable	X		

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

Hazardous Decomposition Products	Thermal decomposition produces carbon dioxide, carbon monoxide and chlorine.
----------------------------------	------------------------------------------------------------------------------

Hazardous Polymerization		Conditions to Avoid	Not applicable.
May Occur	Will Not Occur		
	X		

## SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Absorb with inert material, then place in suitable container for proper disposal. Flush area with plenty of 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.
-----------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Dispose of in an approved incinerator equipped with an afterburner and scrubber or contract with a licensed waste disposal agency.

## SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None needed in normal laboratory handling. If misty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved respirator.
---------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------

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

Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
-------------------	---------	----------------	--------------------------

Other Protective Equipment	Lab coat, apron, eye wash station, proper gloves.
----------------------------	---------------------------------------------------

## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool place. 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.

Revision No. 3	Date 5/21/99	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	TETRACYCLINE HYDROCHLORIDE 1% AQ. SOL'N.			<div><div><div><div>CHEMTREC</div><div>800-424-9300</div><div>Day 716-226-6177</div></div><div><div>NFPA</div><div>HAZARD RATING</div><div>LEAST    SLIGHT    MODERATE</div><div>0        1        2</div></div><div><div>HMIS *</div><div>HIGH    EXTREME</div><div>3        4</div></div></div></div>
Chemical Synonyms	Tetracycline Hydrochloride			
Formula	Mixture.			
Unit Size	up to 3.785 Lt.			
C.A.S. No.	Mixture.			

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Tetracycline Hydrochloride: (CAS No. 64-75-5)	1%	None established.
Water: (CAS No. 7732-18-5)	99%	None established.

**CAUTION! NOT FOR CLINICAL USE. MAY BE HARMFUL IF**

**SWALLOWED. MAY CAUSE EYE AND SKIN IRRITATION.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	Approx. 0°C (32°F)	Specific Gravity (H <sub>2</sub> O = 1)	Approx. 1.0
Boiling Point (°F)	Approx. 100°C (212°F)	Percent Volatile by Volume (%)	99%
Vapor Pressure (mm Hg)	14 (water)	Evaporation Rate (Water = 1)	Slightly <1.
Vapor Density (Air=1)	0.7 (water)		
Solubility in Water	Complete.		
Appearance & Odor	Clear, slightly straw yellow, water like liquid; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Use any media suitable for extinguishing supporting fire.				

### SPECIAL FIREFIGHTING PROCEDURES

In fire conditions resulting in the evaporation of the water of solution hazardous decomposition products may be produced as dust or fume.

Decomposition Temperature (For Tetracycline Hydrochloride solid): 417°F (214°C).

### UNUSUAL FIRE AND EXPLOSION HAZARDS

There are no unusual fire and explosion hazard associated with this solution.

D.O.T. NON-REGULATED.

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