



MATERIAL SAFETY DATA SHEETS

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Amiton oxalate

1. CHEMICAL IDENTITY

Chemical Name : Amiton oxalate

Chemical Classification: Toxic

Trade Name : Tetram 75,
Tetramonooxalate

Synonyms: Phosphorothioic acid, S-[2-(diethylamino)ethyl] O,O-diethyl ester, oxalate (1:1),
Acid oxalate, Phosphorothioic acid

Formula : C₁₂H₂₈N₂O₇PS

CAS No: 3734-97-2

UN No:

Regulated Identification

Shipping Name :

Hazchem Code :

Codes / Label : Toxic

Hazardous Waste ID No :

HAZARDOUS INGREDIENTS	C.A.S. No.	HAZARDOUS INGREDIENTS	C.A.S. No.
1 Amiton oxalate	3734-97-2	3	
2		4	

2. PHYSICAL / CHEMICAL DATA

Boiling Pt. °C:

Physical State: Solid

Appearance: Crystals

Melting Pt °C: 98-99

Vapour Pressure @ 35°C mmHg:

Odour:

Vapour Density(Air =1):

Solubility in water at 30°C g/100ml:

Others:

Specific Gravity (Water =1):

pH :

3. FIRE / EXPLOSION HAZARD DATA

Flammability :

LEL:

Flash Point °C in OC:

TDG Flammability:

UEL:

Flash Point °C in CC:

Autoignition Temperature °C :

Explosion sensitivity to impact:

Explosion sensitivity to static Electricity:

Hazardous Combustion Products :

Hazardous Polymerization :

Combustible Liquid:

Explosive Material:

Corrosive Material

Flammable Material:

Oxidiser :

Others:

Pyrophoric Material:

Organic Peroxide :

4. REACTIVITY DATA

Chemical Stability :

Incompatibility with other material :

Reactivity :

Hazardous :
Reaction Products

5. HEALTH HAZARD DATA

Routes of entry: Inhalation, Ingestion, Skin and Eyes

Effects of Exposure / Symptoms:

It is a cholinesterase inhibitor. Symptoms include headache, giddiness, nervousness, blurred vision, weakness, nausea, cramps, diarrhea, and discomfort in the chest. Signs include sweating, miosis, tearing, salivation and other excessive respiratory tract secretion, vomiting, cyanosis, uncontrollable muscle twitching followed by muscular weakness, convulsions, coma, loss of reflexes, and loss of muscular control.

Emergency Treatment :

Inhalation: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Skin: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Eyes: If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Ingestion: Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. If possible, do not leave individual unattended.

LD50 (oral-rat) mg/kg: 3-9 mg/kg

STEL:

LC50 (rat) mg/kg:

Odour Threshold:

**Permissible
Exposure Limit:**

TLV (ACGIH) :

NFPA Hazard	Health	Flammability	Reactivity	Special
Signals				

6. PREVENTIVE MEASURES

Personal Protective Equipment : Chemical splash goggles, wear chemical resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Handling : Avoid direct physical contact. Use appropriate, approved safety equipment. Untrained individuals should not handle this chemical or its container. Handling should occur in a chemical fume hood.

Storage : Keep in a cool, dry, dark location in a tightly sealed container or cylinder. Keep away from incompatible materials, ignition sources and untrained individuals. Secure and label area. Protect containers/cylinders from physical damage.

Precautions :

7. EMERGENCY / FIRST AID MEASURES

FIRE:

Fire Extinguishing Media : Extinguish with dry chemical, carbon dioxide, water spray, fog, or foam.

Special Procedure : Wear positive pressure breathing apparatus and special protective clothing. Move container from fire area if you can do it without risk. Fight fire from maximum distance. Dike fire control water for later disposal; do not scatter the materia

Unusual Hazards :

EXPOSURE: First Aid Measures:

Inhalation: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Skin: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Eyes: If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Ingestion: Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. If possible, do not leave individual unattended.

Antidotes / Dosages:**SPILLS :**

Steps To Be Taken : Ventilate closed spaces before entering them. Do not touch spilled material; stop leak if you can do it without risk. Use water spray to reduce vapors. Small spills: take up with sand or other noncombustible absorbent material.

Waste Disposal Method:**8. ADDITIONAL INFORMATION / REFERENCES****9. MANUFACTURERS / SUPPLIERS DATA**

NAME OF FIRM :	Contact person
MAILING ADDRESS :	in Emergency :
TELEPHONE / TELEX NOS :	Local Bodies involved :
TELEGRAPHIC ADDRESS :	Standard Packing :
OTHERS :	Trem Card Details / Ref :

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