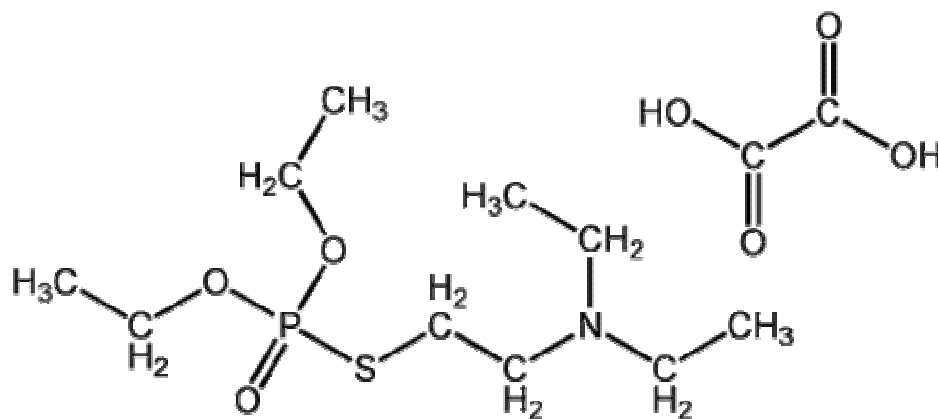


Amiton oxalate

- Tetram
- Tetram monooxalate
- O,O-Diethyl S-(2-diethylamino)ethyl phosphorothioate hydrogen oxalate
- S-(2-Diethylaminoethyl) O,O-diethyl phosphorothioate hydrogen oxalate
- Citram

Formula $C_{10}H_{24}NO_3PS \cdot C_2H_2O_4$

Structure



Uses Insecticide.

Registry Numbers and Inventories.

CAS	3734-97-2
NIH PubChem CID	19525
EC (EINECS/ELINCS)	223-100-8
RTECS	TF1400000
RTECS class	Agricultural Chemical and Pesticide
Beilstein/Gmelin	3796424
Beilstein Reference	4-04-00-01596
EPA OPP	57301

Properties.

Formula	$C_{12}H_{26}NO_7PS$
Formula mass	359.42
Melting point, °C	98-99

Hazards and Protection.

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.
Handling	All chemicals should be considered hazardous. 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.
Protection	Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Wear chemical resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
Respirators	Use NIOSH/MSHA approved respirator appropriate for exposure of concern.
Small spills/leaks	(Non-Specific -- Organophosphorus Pesticide, n.o.s.) Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. 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 and place into containers for later disposal. Small dry spills; with clean shovel place material into clean, dry container and cover; move containers from spill area. Large spills: dike far ahead of spill for later disposal.
Stability	No data.

Fire.

Fire fighting (Non-Specific -- Organophosphorus Pesticide, n.o.s.) 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 material. (Non-Specific -- Organophosphorus Pesticide, n.o.s.) Extinguish with dry chemical, carbon dioxide, water spray, fog, or foam.

Hazards Container may explode in heat of fire.

Health.

Exposure effects

Ingestion	See inhalation.
Inhalation	It is a cholinesterase inhibitor.
Skin	See inhalation.
Eyes	See inhalation

First aid

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. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

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.

Transportation

USCG CHRIS Code

AOO

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