
PHOENIX PRODUCTS CO.
55 CONTAINER DR
TERRYVILLE, CT 06786
(860) 589-7502

PRODUCT NAME: TINY TAB AND
PRIVATE LABEL

MATERIAL
SAFETY DATA
SHEET
2/25/02

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SECTION I - IDENTIFICATION

CHEMICAL NAMES & SYNONYMS: Trichloroisocyanuric acid; Trichloro-s-triazinetriene

CHEMICAL FAMILY: Chlorinated Isocyanurates

CHEMICAL FORMULA: C₃N₃O₃Cl₃

TRADE NAME: Tiny Tab and Private Label

DESCRIPTION: White crystalline tablets having a chlorine odor.

CAS NO. 87-90-1

HMIS HAZARD RATING: Health Hazard: 3

Fire Hazard: 1

Reactivity: 2

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SECTION II - PHYSICAL DATA

Melting point: 225-230°C (437-446°F) Decomposes

pH: (1% Solution @ 25°C) 3-3.5

Solubility in water: @ 25°C: 1.2/100g H₂O

Bulk density : (lb./cu. ft) 58-68

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SECTION III - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A

Autoignition Temp: N/A

Flammable Limits in Air % By Volume: N/A

Special fire fighting techniques: Use water to cool containers exposed to fire. On small fires, use water spray or fog. On large fires, use heavy deluge or fog streams. Flooding amounts of water may be required before extinguishment can be accomplished. Do not use dry chemical extinguisher containing ammonium compounds.

Extinguishing Media: Not Applicable

OSHA CLASSIFICATION: Class 1 Oxidizer

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SECTION IV - HEALTH HAZARD DATA

Inhalation: Is expected to be a route of exposure and may produce throat and respiratory tract irritation.

Skin: Contact is expected to be a route of exposure and can cause skin irritation which may result in corrosion if not removed promptly. Not considered a sensitizing agent.

Eye: Contact may result in corrosion to the eyes. Dust or vapors may cause irritation and tearing.

Ingestion: Will result in burning of mouth, throat and esophagus, abdominal distress and severe irritation, possible corrosion of the digestive tract.

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SECTION V - FIRST AID PROCEDURE

INHALATION: If person experiences nausea, headache or dizziness, person should stop immediately and move to fresh air until these symptoms disappear. If breathing is difficult, administer oxygen, keep the person warm and at rest. Call a physician. In the event that an individual inhales enough vapor to lose consciousness, person should be moved to fresh air at once and a physician should be called immediately. If breathing has stopped, artificial respiration should be given immediately. In all cases, ensure adequate ventilation and provide respiratory protection before the person returns to the area.

SKIN: Immediately brush off excess chemical and flush with water for at least 15 minutes. Call a physician. If clothing comes in contact with the product, the clothing should be removed immediately and should be laundered before reuse.

EYES: Immediately flush with large amounts of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Call a physician at once.

INGESTION: Immediately drink large quantities of water. DO NOT induce vomiting. Call a physician at once.

* SECTION VI - TOXICOLOGY

Oral LD50 (rat): 6 g/kg

Skin Irritation (rabbit): Corrosive

Dermal LD50 (rabbit): 76 g/kg

Eye Irritation: (rabbit): Corrosive

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CHEMICAL NAME:

Trichloroisocyanuric acid

TRADE NAME: Tiny Tab and Private Label.

*** SECTION VII - REACTIVITY DATA**

Stability: Stable

Incompatibility (materials to avoid): Avoid contact with water in the container. Also avoid contact with easily oxidizable organic material, ammonia, urea, or similar nitrogen-containing compounds, inorganic reducing compounds, floor sweeping compounds, calcium hypochlorite, alkalis.

Hazardous decomposition: Can produce chlorine-containing gases.

Hazardous Polymerization: Does not occur.

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SECTION VIII - SPILL, LEAKAGE & DISPOSAL PROCEDURES

Steps to take if material leaks or spills: Sweep, scoop, or vacuum up all spilled material, contaminated soil, and other contaminated material and place in clean, dry containers for disposal. Complete cleanup on a dry basis if possible. Floor sweeping compounds should not be used in the removal of this product as fuming, fire or explosion may result. Do not close containers with wet or damp material. They should be left open to disperse any nitrogen trichloride that may form. Do not put product, spilled product, filled or partially filled containers in to the trash or waste compactor. Contact with incompatible materials could cause a reaction and fire.

Do not transport wet or damp material. Keep product out of sewers, watersheds and water systems.

Waste disposal method: Pesticide wastes are toxic. Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures.

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SECTION IX - SPECIAL PROTECTION DATA

Ventilation: Local exhaust ventilation required where exposure to dust might occur.

Respiratory Protection: NIOSH/MSHA approved respirator should be used as a precautionary measure where airborne contaminants may occur.

Eye Protection: Goggles

Protective Gloves: Any

Other Equipment: Coveralls & Impervious boots

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SECTION X - SPECIAL PRECAUTIONS DATA

Handling and Storage: Do not get in eyes, on skin or clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing dust or fumes. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

Never add water to product. Always add product to large quantities of water. Use clean dry utensils. DO NOT add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible generation of fire and explosion.

Vapor space in a closed container may contain a slight amount of chlorine gas and other chlorine containing compounds from burning of the eyes with tearing, burning of the nose and mouth with runny nose and irritation of the linings of the entire respiratory tract with coughing, a choking sensation, pain, vomiting, nausea, headache, dizziness and fainting. The onset of severe respiratory symptoms following exposure to chlorine including pulmonary edema and pneumonitis, may be delayed. Store in original container where temperatures do not exceed 125°F for 24 hrs. Keep material dry and in a dry area. Keep container tightly closed.

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SECTION XI - TRANSPORTATION INFORMATION

Proper Shipping Name: Trichloroisocyanuric Acid, Dry, 5.1, UN2468, PGII.

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The information herein is given in good faith but no warranty, expressed or implied, is made.

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