



Material Safety Data Sheet

Catalog Number: 156960
Revision date: 17-Feb-2004

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY INFORMATION

Catalog Number: 156960

Product name: TRIAMTERENE

Synonyms: 2,4,7-Triamino-6-phenylpteridine; urocaudal

Supplier:

MP Biomedicals, Inc.
1263 S. Chillicothe Rd.
Aurora, OH 44202
tel: 330-562-1500

Emergency telephone number: CHEMTREC: 1-800-424-9300 (1-703-527-3887)

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Components | CAS Number | Weight % | ACGIH Exposure Limits: | OSHA Exposure Limits: |
|-------------|------------|----------|------------------------|-----------------------|
| TRIAMTERENE | 396-01-0 | 90-100% | None | None |

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Harmful by inhalation, in contact with skin and if swallowed.

Category of Danger:

Harmful

Principle routes of exposure: Skin

Inhalation: Harmful by inhalation.

Ingestion: Harmful if swallowed.

Skin contact: Harmful in contact with skin.

Eye contact: Risk of serious damage to eyes

Statements of hazard HARMFUL IF SWALLOWED. MAY BE HARMFUL IF ABSORBED THROUGH SKIN OR INHALED.

Statement of Spill or Leak - ANSI Label Eliminate all ignition sources. Absorb and/or contain spill with inert materials (e.g., sand, vermiculite). Then place in appropriate container. For large spills, use water spray to disperse vapors, flush spill area. Prevent runoff from entering waterways or sewers.

Statement of First Aid If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a physician.

Precautions - ANSI Label Do not taste or swallow. Wash thoroughly after handling.

4. FIRST AID MEASURES

General advice: In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Inhalation: Move to fresh air. Call a physician immediately.

Skin contact: Rinse immediately with plenty of water and seek medical advice

Ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician

Eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Protection of first-aiders: No information available

Medical conditions aggravated by exposure: None known

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:

Use dry chemical, CO₂, water spray or "alcohol" foam

Specific hazards:

Burning produces irritant fumes.

Unusual hazards:

None known

Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Specific methods:

Water mist may be used to cool closed containers.

Flash point:

Not determined

Autoignition temperature:

Not determined

NFPA rating:

| | |
|--------------------|---|
| NFPA Health: | 1 |
| NFPA Flammability: | 1 |
| NFPA Reactivity: | 0 |

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment.

Environmental precautions:

Prevent product from entering drains.

Methods for cleaning up:

Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Storage:

ROOM TEMPERATURE

Handling:

Use only in area provided with appropriate exhaust ventilation.

Safe handling advice:

Wear personal protective equipment.

Technical measures/storage conditions:

Keep containers tightly closed in a cool, well-ventilated place.

Incompatible products:

Oxidising and spontaneously flammable products

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection: Breathing apparatus only if aerosol or dust is formed.

Hand protection: Pvc or other plastic material gloves

Skin and body protection: Usual safety precautions while handling the product will provide adequate protection against this potential effect.

Eye protection: Safety glasses with side-shields

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.



9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------------|--|
| Appearance and Odor | Yellow |
| Physical state: | Powder |
| Formula: | C ₁₂ H ₁₁ N ₇ |
| Molecular weight: | 253.3 |
| Melting point/range: | 316°C |
| Boiling point/range: | No Data available at this time. |
| Density: | No data available |
| Vapor pressure: | No data available |
| Evaporation rate: | No data available |
| Vapor density: | No data available |
| Solubility (in water): | No data available |
| Flash point: | Not determined |
| Autoignition temperature: | Not determined |

10. STABILITY AND REACTIVITY

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|--|---|
| Stability: | Stable under recommended storage conditions. |
| Polymerization: | None under normal processing. |
| Hazardous decomposition products: | Nitrogen oxides (NO _x)/ammonia/CN- |
| Materials to avoid: | Strong oxidising agents |
| Conditions to avoid: | Exposure to air or moisture over prolonged periods. |

11. TOXICOLOGICAL INFORMATION

Product Information

Acute toxicity

Components
TRIAMTERENE

RTECS Number:
UO3470000

Selected LD50s and LC50s

Oral LD50 Rat : 400 mg/kg
Oral LD50 Mouse : 285 mg/kg

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| Chronic toxicity: | Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness. |
| Local effects: | Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. |
| Specific effects: | May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache. |
| Primary irritation: | No data is available on the product itself. |
| Carcinogenic effects: | No data is available on the product itself. |
| Mutagenic effects: | No data is available on the product itself. |
| Reproductive toxicity: | No data is available on the product itself. |

12. ECOLOGICAL INFORMATION

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| Mobility: | No data available |
| Bioaccumulation: | No data available |
| Ecotoxicity effects: | No data available |
| Aquatic toxicity: | May cause long-term adverse effects in the aquatic environment. |

| | | | |
|-------------------|--|---|---|
| Components | U.S. DOT - Appendix B - Marine Pollutan | U.S. DOT - Appendix B - Severe Marine Pollutants | United Kingdom - The Red List: |
| TRIAMTERENE | Not Listed | Not Listed | Not Listed |

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| 15. REGULATORY INFORMATION |
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International Inventories**Components**

TRIAMTERENE

Inventory - United States TSCA - Sect. 8(b)

Not Listed

Canada DSL Inventory List -

Present

Australia (AICS):

Present

EU EINECS List -

206-904-3; C12H11N7

Korean KECL:

KE-28438

U.S. regulations:**Components**

TRIAMTERENE

California Proposition 65-
Not Listed**Massachusetts Right to****Know List:**
Not Listed**New Jersey Right to****Know List:**
Not Listed**Pennsylvania Right to Know****List:**
Not Listed**Components**

TRIAMTERENE

Florida substance List:

Not Listed

Rhode Island Right to**Know List:**
Not Listed**Illinois - Toxic Air****Contaminants**
Not Listed**Connecticut - Hazardous Air****Pollutants**
Not Listed**Components**

TRIAMTERENE

**SARA 313 Emission
reporting/Toxic Release
of Chemicals**

Not Listed

CERCLA/SARA - Section NTP:**302 Extremely Haz**

Not Listed

None

IARC:

None

SARA 313 Notification:

The above is your notification as to the SARA 313 listing for this product(s) pursuant to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

If you are unsure if you are subject to the reporting requirements of Section 313, or need more information, please call the EPA Emergency Planning and Community Right-To-Know Information Hotline: (800) 535-0202 or (202) 479-2499 (in Washington, DC or Alaska).

State Notification:

The above information is your notice as to the Right-to-Know listings of the stated product(s). Individual states will list chemicals for a variety of reasons including, but not limited to, the compounds toxicity; carcinogenic, tumorigenic and/or reproductive hazards; and the compounds environmental impact if accidentally released.

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| 16. OTHER INFORMATION |
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Prepared by: Health & Safety

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End of Safety Data Sheet