

EMERGENCY OVERVIEW - Reproductive Hazard. WARNING: This material is a possible human carcinogen.

## **SECTION 1 - IDENTIFICATION**

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# PROPYLTHIOURACIL

**Catalog Number:** 1578000

**Package Size:** 200 mg

**Revision Date:** September 18, 2000

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swelling in the front of the neck.

**Acute:** Possible eye, skin, gastrointestinal and/or respiratory tract irritation.

**Chronic:** Possible hypersensitization, hypothyroidism, and cancer.

Inhalation ym49-4.6(g)7.4(g)77(i)-5.8(l7(l)13.5(10to)-012w[Fositiv)97.4().4(us)2.7(t)e7.6(e)5.4(2(m)215(aci)-.4(o)-0-.8(4(e)161

## Medical Conditions

**Aggravated by Exposure:** Hypersensitivity to the material and impaired liver function.

**Cross Sensitivity:** Persons sensitive to other antithyroid agents may be sensitive to this material also.

**Pregnancy Comments:** Propylthiouracil can cause adverse effects (hypothyroidism, goiter) in the fetus, although the actual risk appears to be low, especially if maternal doses are low.

**Pregnancy Category:** D

**Overdose Treatment:** For current information about the treatment of overdose, consult a certified Regional Poison Control Center by calling the number listed in your local telephone directory.

**Oral Rat:** LD50: 1250 mg/kg

**Oral Mouse:** LD50: n/f

**Target Organ(s):** Thyroid gland

**NTP:** Yes      **IARC:** Yes      **OSHA:** No

**Other:** Thyroid hyperplasia and carcinoma have occurred in laboratory animals treated with propylthiouracil for longer than 1 year. [USP DI 20th ed. 2000]

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## SECTION 7 - PHYSICAL HAZARDS

**Conditions to Avoid:** Avoid exposure to light.

**Incompatibilities:** Oxidizing agents.

**Decomposition Products:** When heated to decomposition material emits toxic fumes of SO<sub>x</sub> and NO<sub>x</sub>. Emits toxic fumes under fire conditions.

**Stable?** Yes                      **Hazardous Polymerization?** No

**Spill Response:** Wear approved respiratory protection, chemically compatible gloves and protective clothing. Wipe up