

MATERIAL SAFETY DATA SHEET

4279

ICI Americas Inc.

Wilmington, Delaware 19897
Phone (24 hr.) Technical: (302) 886-3000
Medical: (800) 327-8633

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SECTION 1 NAME & HAZARD SUMMARY

Material name: ZOLADEX®

Hazard summary (as defined by OSHA Hazard Comm. Std., 29 CFR 1910.1200):

Physical hazards: None

Health hazards: Toxic (inhalation)

Read the entire MSDS for a more thorough evaluation of the hazards.

SECTION 2 INGREDIENTS

OSHA PEL

Goserelin acetate

| Not listed
|
|

Ingredients not precisely identified are proprietary or nonhazardous.
Values are not product specifications.

SECTION 3 PHYSICAL DATA

Appearance and odor: White powder

Melting point: No data

Vapor pressure (mm Hg at 20°C): No data

Vapor density (air = 1): No data

Solubility in water: No data

pH: No data

Specific gravity: No data

* Volatile by volume: Negligible

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash point: Not applicable

Autoignition temperature: No data

Flammable limits (STP): Not applicable

Extinguishing media:

Water fog, foam, carbon dioxide, dry chemical, halogenated agents.

Special fire fighting protective equipment:

Self-contained breathing apparatus with full facepiece and protective clothing.

Unusual fire and explosion hazards:

This product may form explosive dust clouds in air. Possible toxic smoke, vapors, fallout and runoff water can result from fires depending on extent of combustion and presence of other combustible materials.

Contaminated buildings, areas, and equipment must be properly decontaminated before reuse.

SECTION 5 REACTIVITY DATA

Stability:
Stable under normal conditions.

Incompatibility:
Oxidizing agents.

Hazardous decomposition products:
Combustion products: Carbon dioxide, carbon monoxide. Nitrogen oxides,
ammonia.

Hazardous polymerization:
Will not occur.

SECTION 6 HEALTH HAZARD ASSESSMENT

General:
Limited toxicity data are available on this specific product; this health
hazard assessment is based on the results of screening tests.

Ingestion:
The acute oral LD50 in rat is probably above 5,000 mg/kg. Relative to
other materials, this material is classified as "practically nontoxic" by
ingestion.

Eye contact:
No irritation is likely to occur after human eye contact.

Skin contact:
No irritation is likely to develop following contact with human skin.

Skin absorption:
This product is not absorbed through human skin.

Inhalation:
This drug has very powerful hormonal effects and even small exposures may
cause menstrual irregularities, including suppression of ovulation.
Repeated small exposures in men may cause reduced sperm production and
reduced libido. These effects are reversible.

Other effects of overexposure:
No other adverse clinical effects have been associated with exposures to
this material.

First aid procedures:
Skin: Wash material off of the skin with plenty of soap and water. If
redness, itching, or a burning sensation develops, get medical attention.
Eyes: Immediately flush with plenty of water for at least 15 minutes. If
redness, itching, or a burning sensation develops, have eyes examined and
treated by medical personnel.

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SECTION 6 HEALTH HAZARD ASSESSMENT (continued)

First aid procedures (continued):

Ingestion: Give 1 or 2 glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person.)

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is labored, give oxygen. Consult medical personnel.

SECTION 7 SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

Wear respiratory protection during cleanup. Sweep up and recover or mix material with a moist absorbent and shovel into a chemical waste container. Wash residue from spill area with water containing detergent and flush to a sewer serviced by a wastewater treatment facility.

Disposal method:

Discarded product is not a hazardous waste under RCRA, 40 CFR 261.

Container disposal:

Empty container retains product residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue from container and puncture or otherwise destroy empty container before disposal.

SECTION 8 SPECIAL PROTECTION INFORMATION

TLV® or suggested control value:

No ACGIH TLV or OSHA PEL assigned. Minimize exposures in accordance with good hygiene practice. ICIA operates its facilities such that employee exposure to this material is kept below 2.5 microgram/m³.

Ventilation:

Use ventilation adequate to maintain safe levels.

Respiratory protection:

Use MSHA-NIOSH approved respirator for organic vapors, dusts and mists whose TLV is greater than 0.05 mg/m³.

Protective clothing:

Impervious gloves and apron.

Eye protection:

Safety glasses with side shields.

Other protective equipment:

Eyewash station in work area.

SECTION 9 SPECIAL PRECAUTIONS OR OTHER COMMENTS

Special precautions or other comments:

Follow procedures specified in the National Fire Protection Association Codes and Standards for handling combustible dusts. Maintain good housekeeping to avoid dust buildup. Avoid breathing particulates. Women should not work with this material.

SECTION 10 REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710:

This product is a drug and is exempt from TSCA regulation.

CERCLA and SARA Regulations (40 CFR 355, 370, and 372):

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

Other Determined Regulations:

None.

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

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