

AERCHEM INC.
320 North Walnut
Bloomington, IN 47408

Tel: 812.334.9996 Fax: 812.334.1960 Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: 9/97
Product Name: PREGNENOLONE; 5-Pregnen-3beta-ol-20-one
Molecular Formula: C₂₁H₃₂O₂
CAS No.: 145-13-1

SECTION 2: HAZARDOUS INGREDIENTS:

Slightly dangerous to dangerous in case of eye contact (irritant), of ingestion, of inhalation. Very slightly to slightly dangerous in case of skin contact (irritant). May irritate eyes and skin upon contact.

SECTION 3: PHYSICAL DATA

Odor:	n/a
Appearance:	solid crystalline powder, white to yellowish
Melting point.:	189°C (372.2°F)
Boiling point:	decomposes
pH (depends on quality):	n/a
Solubility in water:	insoluble in cold water
Specific gravity (water = 1)	n/a
Vapor density:	n/a
Vapor pressure:	n/a

SECTION 4: FIRE AND EXPLOSION DATA

Flash point:	n/a
Flammable limit:	no data
Flammability:	combustible
Extinguishing media:	water, fog, foam, carbon dioxide, dry chemical; do not use water jet.
Special Fire fighting procedures:	none
Unusual fire and explosions hazards:	none

SECTION 5: REACTIVITY DATA

Stable x Unstable
Decomposition byproducts: carbon oxides
Incompatibilities/Condition to Avoid: oxidizers
Hazardous Polymerization: n/a

SECTION 6: HEALTH HAZARD DATA

Toxicity: n/a
Route of Entry: Ingestion, inhalation
Permissible Exposure limits: n/a

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Disposal: Dispose of according to local and regional authority requirements. Recycle to process, if possible.

SECTION 8: FIRST AID PROCEDURES

Eye Contact: Check for and remove any contact lenses. Flush with copious amounts of water. Do not use an eye ointment. Seek medical attention.

Skin Contact: Remove contaminated clothes as quickly as possible. Place victim under deluge shower. Wash contaminated skin well with soap and water. Cover irritated skin with an emollient. If irritation persists, contact a physician. Wash contaminated clothing before reuse

Inhalation: Allow victim to rest in well ventilated area. Obtain medical attention.

Ingestion: Remove any dentures. Have conscious person drink several glasses of water or

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milk. Induce vomiting by sticking finger in throat. Lower head so vomit won't reenter mouth and throat. Never give an unconscious person anything to eat. Obtain medical attention.

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SECTION 9: HANDLING AND STORAGE INFORMATION:

Keep away from heat, sources of ignition, and strong oxidizers. Keep container dry, tightly closed, and in a cool, well ventilated area. Ground all equipment containing material. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 10: SPECIAL PROTECTION INFORMATION:

Ventilation: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Skin Protection:

Eye Protection: splash goggles

Respiratory Protection: dust respirator; be sure to use a MSHA/NIOSH approved respirator or equivalent

Other: lab coat

SECTION 11: TRANSPORT INFORMATION

DOT Classification: not a DOT regulated material (USA)