



Section 1 – Company Information

Parchem - fine & specialty chemicals
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EMERGENCY RESPONSE NUMBER:
CHEMTEL - Parchem CCN# M1S0007152
Toll Free US & Canada: (800)255-3924
All other Origins: (813) 248-0585
Collect Calls Accepted

Section 2 – Product Identification/ Information on Ingredients

PRODUCT NAME Pregnenelone
CAS NUMBER 145-13-1
SYNONYM 3β-Hydroxy-5-pregnen-20-one
FORMULA C₂₁H₃₂O₂

PRODUCT	CAS NUMBER	% BY WEIGHT
Pregnenelone	145-13-1	

Section 3 – Hazards Identification

Emergency Overview

OSHA Hazards: Teratogen

HMIS Classification

Health Hazard: 0

Chronic Health Hazard: *

Flammability: 0

Physical hazards: 0

NFPA Rating

Health Hazard: 0

Fire: 0

Reactivity Hazard: 0

Potential Health Effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed.

Section 4 – First Aid Measures

General advice: Move out of dangerous area.

If inhaled: If breathed in, move person into fresh air. If not breathing give artificial respiration

In case of skin contact: Wash off with soap and plenty of water.



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In case of eye contact: Flush eyes with water as a precaution.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Section 5 – Fire Fighting Measures

Flammable properties

Flash point: no data available

Ignition temperature: no data available

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters: Wear self contained breathing apparatus for fire fighting if necessary.

Section 6 – Accidental Release Measures

Personal precautions: Avoid dust formation.

Environmental precautions: Do not let product enter drains.

Methods for cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 – Handling & Storage

Handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage: Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.

Section 8 – Exposure Controls & Personal Protection

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: Handle with gloves.

Eye protection: Safety glasses

Hygiene measures: General industrial hygiene practice.

Section 9 – Physical & Chemical Properties

Appearance

Form: powder

Color: white



Safety data

pH: no data available

Melting point: 190 - 192 °C (374 - 378 °F)

Boiling point: no data available

Flash point: no data available

Ignition temperature: no data available

Lower explosion limit: no data available

Upper explosion limit: no data available

Water solubility: no data available

Section 10 – Stability & Reactivity Data

Storage stability: Stable under recommended storage conditions.

Materials to avoid: Strong oxidizing agents

Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section 11 – Toxicological Information

Acute toxicity: no data available

Irritation and corrosion: no data available

Sensitisation: no data available

Chronic exposure: Some steroids show carcinogenic and teratogenic activity.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. Some steroids show carcinogenic and teratogenic activity.

Reproductive toxicity - rat - Parenteral

Maternal Effects: Uterus, cervix, vagina.

Signs and Symptoms of Exposure: Some steroids show carcinogenic and teratogenic activity., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potential Health Effects

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Section 12 – Ecological Information

Elimination information (persistence and degradability): no data available

Ecotoxicity effects: no data available

Further information on ecology: no data available

Section 13 – Disposal Consideration

Dispose of product and contaminated packaging in accordance with all local, state and federal environmental control regulations.

Section 14 – Transportation Data

DOT (US): Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Section 15 – Regulatory Information

OSHA Hazards: Teratogen

DSL Status:

This product contains the following components that are not on the Canadian DSL nor NDSL lists.
Pregnenolone CAS-No. 145-13-1

SARA 302 Components:

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components:

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards: Chronic Health Hazard

Massachusetts Right To Know Components: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components:

Pregnenolone CAS-No. 145-13-1

New Jersey Right To Know Components:

Pregnenolone CAS-No. 145-13-1

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

Section 16 – Other Information

Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our



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knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

