

湖北竹溪人福药业有限责任公司
HUBEI ZHUXI HUMANWELL PHARMACEUTICAL CO., LTD.

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Pregnenolone
Manufacturer: Hubei Zhuxi Humanwell Pharmaceutical Co., Ltd.
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2. COMPOSITION/INFORMATION ON INGREDIENTS

C.A.S. No: 145-13-1
Molecular Formula: $C_{21}H_{32}O_2$
Molecular Weight: 316.49
Melting Point: 185-194°C

3. HAZARDS IDENTIFICATION

Not considered hazardous when handled under normal conditions with good house keeping.

4. FIRST-AID MEASURES

In case of inhalation:

Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

In case of contact with skin:

Immediately wash skin with soap and copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.

In case of contact with eyes:

Immediately flush eyes with copious amounts of water for at least 15 minutes. Seek medical advice.

In case of ingestion:

If swallowed, wash out mouth with water, provided person is conscious. Seek medical advice.

Remove and wash/dispose of contaminated clothing promptly.

5. FIRE FIGHTING MEASURES

Extinguishing Media:

Carbon dioxide, dry chemical powder or appropriate foam. Water spray.

Unusual fire and explosion hazards:

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Emits toxic fumes under fire conditions

Special fire fighting procedures:

Wear self-contained breathing apparatus and protective clothing to prevent contact with the skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Ensuring personal safety, mark out contaminated area with signs and prevent unauthorized access. Turn leaking containers up to prevent further Evacuate area. Wear self-contained breathing apparatus, rubber boots & heavy rubber gloves. Sweep-up/absorb in suitable material, place in a container and hold for disposal. Avoid raising dust. Ventilate area and wash spill site after pick-up complete.

7. HANDLING AND STORAGE

Handling

Technical measures: Handling is performed in a well ventilated place. Wear suitable protective equipment.

Prevent dispersion of dust. Wash hands and face thoroughly after handling.

Use a local exhaust if dust or aerosol will be generated.

Advice on safe handling: Avoid contact with skin, eyes and clothing.

Storage

Storage conditions: Keep container tightly closed. Store in a cool and dark place.

Store away from incompatible

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory protection:

Required when dusts are generated.

Eye protection:

Required.

Hand protection:

Required.

Industrial hygiene:

Immediately change contaminated clothing. Wash hands and face after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White or almost white crystalline powder
Odour	odourless,
Loss on drying	0.5% max
Melting range:	185~194°C

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Storage: Stored at room temperature sheltered from light and moisture

10. STABILITY AND REACTIVITY

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to be avoided:

Incompatible materials.

Substances to be avoided:

Strong oxidant, fire and explosion hazard.

Hazardous decomposition products:

Thermal decomposition product and toxic oxides of carbon

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

Do not allow product to enter drinking water supplies, waste water or soil!

13. DISPOSAL CONSIDERATIONS

Dissolve or mix material with a suitable combustible solvent and incinerate in a chemical incinerator equipped with an afterburner and scrubber.

Material should be disposed of in keeping with all local and national legislation. Packaging should be disposed of in keeping with all local and national legislation. Handle contaminated containers as product.

14. TRANSPORT INFORMATION

The good is not subject to IATA DGR

15. REGULATORY INFORMATION

16. OTHER INFORMATION

While the information herein is believed to be reliable, it is furnished without warranty of any kind. It shall be used only as a guide. We assume no liabilities from the use of this product or information contained herein.