

17 α -Caproyloxyprogesterone 630-56-8 MSDS

Section 1. IDENTIFICATION

Product name: 17 α -Hydroxyprogesterone Caproate

Revision number: 5

Section 2. HAZARDS IDENTIFICATION

GHS classification

PHYSICAL HAZARDS Not classified

HEALTH HAZARDS Not classified

ENVIRONMENTAL HAZARDS Not classified

GHS label elements, including precautionary statements

Pictograms or hazard symbols None

Signal word No signal word

Hazard statements None

Precautionary statements: None

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Substance/mixture:

Components: 17 α -Hydroxyprogesterone Caproate

Percent: >98.0%(LC)

CAS Number: 630-56-8

Synonyms: 17 α -Caproyloxypregn-4-ene-3,20-dione , 17 α -Caproyloxyprogesterone , 17 α -Hydroxypregn-4-ene-3,20-diene Caproate

Chemical Formula: C₂₇H₄₀O₄

Section 4. FIRST AID MEASURES

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Inhalation:

Get medical advice/attention if you feel unwell.

Skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Get medical advice/attention if you feel unwell. Rinse mouth.

Protection of first-aiders: A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

Section 5. FIRE-FIGHTING MEASURES

Precautions for firefighters: Fire-extinguishing work is done from the windward and the suitable fire-extinguishing

method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.

When extinguishing fire, be sure to wear personal protective equipment.

Special protective equipment for firefighters:

Section 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, Use personal protective equipment. Keep people away from and upwind of spill/leak.

protective equipment and Entry to non-involved personnel should be controlled around the leakage area by

emergency procedures: roping off, etc.

Environmental precautions: Prevent product from entering drains.

Methods and materials for Sweep dust to collect it into an airtight container, taking care not to disperse it.

containment and cleaning Adhered or collected material should be promptly disposed of, in accordance with

up: appropriate laws and regulations.

Section 7. HANDLING AND STORAGE

Precautions for safe 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.

Conditions for safe storage, including any incompatibilities

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

Store away from incompatible materials such as oxidizing agents.

Packaging material: Comply with laws.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: Install a closed system or local exhaust as possible so that workers should not be

exposed directly. Also install safety shower and eye bath.

Personal protective equipment

Respiratory protection: Dust respirator. Follow local and national regulations.

Hand protection: Protective gloves.

Eye protection: Safety glasses. A face-shield, if the situation requires.

Skin and body protection: Protective clothing. Protective boots, if the situation requires.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Solid

Physical state (20°C):

Form: Crystal- Powder

Colour: White - Almost white

Odour: No data available

pH: No data available

Melting point/freezing point:122°C

Boiling point/range: No data available

Flash point: No data available

Flammability or explosive

limits:

Lower: No data available

No data available

Upper:

Relative density: No data available

Solubility(ies):

[Water] No data available

[Other solvents] No data available

17 α -Hydroxyprogesterone Caproate

Section 10. STABILITY AND REACTIVITY

Stable under proper conditions.

Chemical stability:

Possibility of hazardous No special reactivity has been reported.

reactions:

Incompatible materials: Oxidizing agents

Hazardous decomposition Carbon monoxide, Carbon dioxide products:

Section 11. TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye No data available

damage/irritation:

Germ cell mutagenicity: No data available

Carcinogenicity:

IARC = No data available

NTP = No data available

Reproductive toxicity: No data available

RTECS Number: TU5085000

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity:

No data available

Fish:

Crustacea: No data available

No data available

Algae:

Persistence / degradability: No data available

No data available

Bioaccumulative

potential(BCF):

Mobility in soil

Log Pow: No data available

No data available

Soil adsorption (Koc):

Henry's Law No data available

constant(PaM3/mol):

Section 13. DISPOSAL CONSIDERATIONS

Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material

with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system.

Observe all federal, state and local regulations when disposing of the substance.

Section 14. TRANSPORT INFORMATION

Hazards Class: Does not correspond to the classification standard of the United Nations

Not listed

UN-No:

Section 15. REGULATORY INFORMATION

Safe management ordinance of dangerous chemical product (State Council announces on January 26, 2002

and revised on February 16,2011): Safe use and production, the storage of a dangerous chemical, transport,

loading and unloading were prescribed.

17 α -Hydroxyprogesterone Caproate

SECTION 16 - ADDITIONAL INFORMATION

N/A