

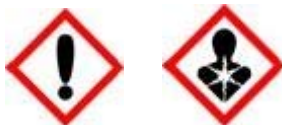
MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No1272/2008

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name : Prasterone
Product Number : C04
Brand : JEK
Company: Jiangsu Jiaerke Pharmaceuticals Group Corp., Ltd. Zhenglu Town, Changzhou City, Jiangsu Province, China, 213111
Tel : 0086-519-88737060
Fax : 0086-519-88736500

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture	
According to Regulation (EC) No1272/2008	
Skin irritation (Category 2)	
Eye irritation (Category 2)	
Respiratory irritation (Category 3)	
Germ cell mutagenicity (Category 2)	
Carcinogenicity (Category 2)	
Reproductive toxicity (Category 2)	
According to European Directive 67/548/EEC as amended.	
Irritating to eyes, respiratory system and skin.	
Label elements	
Pictogram	
Signal word	Warning
Hazard statement(s)	
H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H341 Suspected of causing genetic defects H351 Suspected of causing cancer H361d Suspected of damaging the unborn child	
Precautionary statement(s)	
Prevention	
P280 Wear protective gloves/protective clothing/eye protection/face protection P261 Avoid breathing dust/fume/gas/mist/vapours/spray.	

P271	Use only outdoors or in a well-ventilated area.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
Response	
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : DHEA 3 β -Hydroxy-5-androsten-17-one 5-Androsten-3 β -ol-17-one Dehydroepiandrosterone Dehydroisoandrosterone	
Formula : C ₁₉ H ₂₈ O ₂	
Molecular Weight : 288,42 g/mol	
CAS No. : 53-43-0	
EC No.: 200-175-5	
Classification: Skin Irrit. 2; Eye Irrit. 2; Respiratory Irrit.3; Muta. 2; Carc. 2; Repr.2; H315, H319, H335, H341, H351, H361d.	

For the full text of the H-Statements mentioned in this Section, see Section 2.

SECTION 4 FIRST AID MEASURES

General advice Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.
In case of skin contact Wash off with soap and plenty of water. Consult a physician.
In case of eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 5 FIRE-FIGHTING MEASURES**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**

Use personal protective equipment. Avoid dust formation. Avoid breathing dust.
Ensure adequate ventilation.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

SECTION 7 HANDLING AND STORAGE**Precautions for safe handling**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for safe storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Store locked up.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**Personal protective equipment****Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.

Eye protection

Safety glasses with side-shields conforming to EN166

Skin and body protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: crystalline powder
Colour: white or off-white

Safety data

pH: no data available
Melting point: 149 - 151 °C.
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 AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

no data available

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity

LD50 Oral - rat - > 10,000 mg/kg

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

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.

Reproductive toxicity no data available	
Specific target organ toxicity - single exposure Inhalation - May cause respiratory irritation.	
Specific target organ toxicity - repeated exposure no data available	
Aspiration hazard no data available	
Potential health effects	
Inhalation	May be harmful if inhaled. Causes respiratory tract irritation.
Ingestion	May be harmful if swallowed.
Skin	May be harmful if absorbed through skin. Causes skin irritation.
Eyes	Causes eye irritation.
Signs and Symptoms of Exposure Electrolyte imbalance. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.	
Additional Information RTECS: BV8396000	

SECTION 12 ECOLOGICAL INFORMATION

Toxicity no data available
Persistence and degradability no data available
Bioaccumulative potential no data available
Mobility in soil no data available
PBT and vPvB assessment no data available
Other adverse effects no data available

SECTION 13 DISPOSAL CONSIDERATIONS

Product Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging Dispose of as unused product.

SECTION 14 TRANSPORT INFORMATION**ADR/RID**

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15 REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1272/2008.

SECTION 16 OTHER INFORMATION**Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use.

The information in this document is based on the present state of our 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. Jiangsu Jiaerke Pharma., shall not be held liable for any damage resulting from handling or from contact with the above product.

Effective date: April 1, 2014