



Humco Holding Group, Inc.
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 www.humco.com

24-Hour Emergency Number (CHEMTREC)
 USA- 800-424-9300

All non-emergency calls should be directed to
 Customer Service at 800-662-3435

NAME: DHEA (PRASTERONE) (MICRONIZED) USP

SDS NO. 8069

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: DHEA (Prasterone) (Micronized)

Synonyms:

Recommended Use: Manufacture or Compounding of Substances

Manufacturer by: Humco Holding Group, Inc.


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2. HAZARD IDENTIFICATION

Pictogram:	
Classification:	Skin irritation (Category 2), Eye irritation (Category 2A), Specific target organ toxicity – single exposure (Category 3) Respiratory system
Signal Word:	Warning
Hazard Statements:	Causes skin irritation, Causes serious eye irritation, May cause respiratory irritation. May damage fertility or the unborn child. Reproductive effector, hormone.

Precautionary Statements	Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN wash with soap and water. IF INHALED remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs Get medical advice/attention. If eye irritation persists Get medical advice/attention. Take off contaminated clothing and wash before reuse. Store in a well ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container to an approved waste disposal plant.
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3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
DHEA Prasterone 3 β -Hydroxy-5-androsten-17-one 5-Androsten-3 β -ol-17-one Dehydroepiandrosterone Dehydroisoandrosterone	53-43-0

4. FIRST-AID MEASURES

IN CASE OF EYE CONTACT: Rinse thoroughly with plenty of water for least 15 minutes and consult a physician.

IN CASE OF SKIN CONTACT: Wash off with soap and plenty of water. Consult a physician.

IF SWALLOWED: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician a physician.

IF INHALED: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

SYMPTOMS AND EFFECTS: Material may be irritating to the mucous membranes and upper respiratory tract. May be harmful by inhalation, ingestion, or skin absorption. May cause respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigated.

5. FIRE-FIGHTING MEASURES

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Carbon Oxides

FLAMMABLE PROPERTIES: No data available

HAZARDOUS COMBUSTION PRODUCTS: Under fire conditions, hazardous fumes will be present.

EXTINGUISHING MEDIA: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS: Wear self-contained breathing apparatus for fire- fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

METHODS & MATERIAL FOR CONTAINMENT: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

CLEANUP PROCEDURE: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Do not let product enter drains.

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 preventative fire protection.

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

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: Contains no substances with occupational exposure limit values.

EXPOSURE GUIDELINES: Consult local authorities for provincial or state exposure limits

PERSONAL PROTECTIVE EQUIPMENT: Eyes/Face: Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). Skin: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Body protection: Impervious clothing. The type of protective equipment must be selected according to the concentration and the amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal techniques (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Respiratory protection: For nuisance exposure use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirators cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Form: Powder Color: Beige	Upper/Lower Flammability:	No data available
Odor:	No data available	Vapor Pressure	No data available
Odor Threshold:	No data available	Vapor Density:	No data available
pH:	No data available	Relative Density:	No data available
Melting point /Freezing Point:	149-151°C (300-304°F) - lit.	Solubilities:	No data available
Boiling point/range:	No data available	Partition coefficient:	No data available
Flash point	No data available	Auto-ignition temperature	No data available
Evaporation rate	No data available	Decomposition Temperature:	No data available
Flammability:	No data available	Viscosity	No data available

10. STABILITY AND RACTIVITY

REACTIVITY: No data available

STABILITY: Stable under recommended storage conditions

MATERIALS TO AVOID: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Other decomposition products- No data available.

POSSIBILITY OF HAZARDOUS REACTION: No data available

CONDITIONS TO AVOID: No data available

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

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

Dermal: No data available

Inhalation: No data available

EYE: No data available

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.

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 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.

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 HAZARDS: No data available.

12. ECOLOGICAL INFORMATION

Toxicity:	No data available
Persistence and Degradability:	No data available
Bio-accumulative Potential:	No data available
Mobility in Soil:	No data available
Other adverse effects	No data available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods Product:	Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
Waste Treatment Methods Packaging:	Dispose of as unused product.
Special Precautions Landfill or Incinerations:	No data available
Other Information:	No data available

14. TRANSPORT INFORMATION

UN number:	Not dangerous goods.
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group number:	Not applicable
Environmental hazards:	Not applicable

IATA TRANSPORT INFORMATION

Not Regulated
Not Dangerous
Not Hazardous
Not Restricted For Transport by IATA

15. REGULATORY INFORMATION

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 components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards. Acute Health Hazard.

Massachusetts Right to Know Components: No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right to Know Components: Prasterone CAS-No. 53-43-0. New Jersey Right to Know Components: Prasterone CAS-No. 53-43-0. California Prop. 65 Components; This product does not contain any chemical known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

The information in this SDS is considered current and reliable. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal are beyond Humco's control, it is the responsibility of the user to determine safe conditions for use and to assume liability for loss, damage, or expenses arising from improper use. No warranty expressed or implied regarding

the product described herein will be created by or inferred from any statement or omission. Various agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in the SDS. The user should review these regulations to ensure full compliance.