

**Safety Data Sheet**

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Section 1: Identification**Product Name** Methyltestosterone Micronized USP**Commercial Name** Not available.**Product Use** Not available.**Restrictions On Use** Not available.**Product Code** 23-1028**Company** PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300**Section 2: Hazard(s) Identification****OSHA Haz Com:** Reproductive toxicity, Category 1A**CFR 1910.1200****Signal Word** DANGER**Hazard Statement(s)** May cause cancer. Causes serious eye irritation. Suspected of damaging fertility or the unborn child.**Pictogram(s) or Symbol(s)****Precautionary Statement(s):**

Prevention	Obtain special instructions before use Wear protective gloves/protective clothing/eye protection/ face protection
Response	IF exposed or concerned: Get medical advice/attention
Storage	N/A
Disposal	N/A

Section 3: Composition/Information on Ingredients

Substance/Mixture	Substance
Components	Methyltestosterone
% By Weight	100
CAS#	58-18-4
Molecular Weight	302.46 g/mole
Chemical Formula	C ₂₀ H ₃₀ O ₂
Synonym(s)	17-Hydroxy-17-methylandroster-4-en-3-one

Mixtures				
Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Methyltestosterone	58-18-4	100	N/A	(Oral) LD50- 2,500 mg/kg (Rat) 1,860 mg/kg (Rat)

Section 4: First-Aid Measures

Inhalation	Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.
Skin Contact	Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.
Eye Contact	Remove contact lenses if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.
Ingestion	Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.
Symptoms/Effects	
Acute	Information not available
Delayed	Information not available
Immediate Medical Attention	Not available.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray

Unsuitable Extinguishing Media

None in particular

Products of Combustion

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products. The product is combustible and when the powder is released into the air in sufficient concentrations and in the presence of a source of ignition, it can create explosive mixtures with air. Fires may start or get worse by leakage of the solid product from the container, when it reaches high temperatures or through contact with sources of ignition.

Firefighters Special Equipment and Precautions

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. Special protective equipment for fire-fighters: Normal fire fighting clothing fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN137).

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: If there are no contraindications, spray power with water to prevent the formation of dust. Wear suitable protective equipment (including personal protective equipment referred in section 8) to prevent any contamination of skin, eye and personal clothing. These indications apply for both processing staff and those involved in emergency procedures. Environmental precautions: the product must not penetrate into the sewer system or come into contact with surface water or ground water Methods and material for containment and cleaning up: Collect the leaked product and place it in containers for recovery or disposal. If there are no contraindications, use jets of water to eliminate product residues. Make sure the leakage site is well aired. Evaluate the compatibility of the container to be used, by checkign section 10. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

Section 7: Handling and Storage

Precautions for safe handling: Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Conditions for safe storage, including any incompatibilities: Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
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Engineering Controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. When choosing personal protective equipment, ask your chemical substance supplier for advice. Personal protective equipment must be CE marked, showing that it complies with applicable standards. Provide an emergency shower with face and eye wash station.

Personal Protection

HAND PROTECTION In the case of prolonged contact with the product, protect the hands with penetration-resistant work gloves (see standard EN 374). Work glove material must be chosen according to the use process and the products that may form. Latex gloves may cause sensitivity reactions. **SKIN PROTECTION** Wear category I professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing. **EYE PROTECTION** Wear airtight protective goggles (see standard EN 166). **RESPIRATORY PROTECTION** Use a type P filtering facemask, whose class (1, 2 or 3) and effective need, must be defined according to the outcome of risk assessment (see standard EN 149). **ENVIRONMENTAL EXPOSURE CONTROLS** The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Section 9: Physical and Chemical Properties

Appearance	crystalline powder. white or off white		
Odor	odorless		
Odor Threshold	Not available.		
Melting Point	> 161C	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	1,38E-nmHg
Boiling Point/Range	390C	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	185C	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Insoluble in cold water.		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	There is no particular risk of reaction with other substances in normal conditions of use
Chemical Stability	Product is stable in normal conditions of use and storage
Hazardous Polymerization	The powders are potentially explosive when mixed with air
Conditions to Avoid	Avoid environmental dust build-up
Incompatible Materials	Information not available
Hazardous Decomposition Products	Information not available

Section 11: Toxicological Information

RTECS	Not available
Acute Toxicity	
LD50 (Oral) 2500 mg/kg rat	
Skin Corrosion/Irritation	
Does not meet classification criteria for this hazard class	
Serious Eye Damage/Irritation	
Does not meet classification criteria for this hazard class	
Respiratory or Skin Sensitization	
Does not meet classification criteria for this hazard class	
Germ Cell Mutagenicity	
Does not meet classification criteria for this hazard class	
Carcinogenicity	
Does not meet classification criteria for this hazard class	
Reproductive Toxicity	
May damage fertility or the unborn child	
Routes of Entry	
Not available	
Symptoms Related to Exposure	
Does not meet classification criteria for this hazard class	

Potential Health Effects

Does not meet classification criteria for this hazard class

Target Organ(s)

Does not meet classification criteria for this hazard class

Section 12: Ecological Information**Ecotoxicity**

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

Persistence and Degradability

Methyltestosterone: NOT rapidly degradable

Bioaccumulative Potential

Methyltestosterone: Partition coefficient: n-octanol/water: 3,24 Log Kow BCF: 88 (QSAR)

Mobility in Soil

Methyltestosterone: Partition coefficient: soil:water: 3,5 l/kg (QSAR)

Other Adverse Effects

Results of PBT and vPvB assessment: On the basis of available data, the product does not contain any PBT or vPvB in percentage

Section 13: Disposal Considerations**Waste Disposal**

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Disposal of Container

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations. UN number: Not applicable UN proper shipping name: Not applicable Transport hazard class(es): Not applicable Packing group: Not applicable

Section 15: Regulatory Information**Regulations**

Not available.

Other

Not available.

Section 16: Other Information

Not available.