

**Material Safety Data Sheet****Methyltestosterone****24 Hour Emergency Phone: CHEMTREC 1-800-424-9300**

Date of Preparation: 07-17-00

Revision: 12/01/00

**Section 1: Chemical, Physical and Control Information**

**Synonyms:** ANDROMETH ; ANDROSAN (TABLETS) ; ANERTAN (TABLETS) ; GLOSSO STERANDRYL ; HOMANDREN ; HORMALE ; 17-BETA-HYDROXY-17-METHYLANDROST-4-EN-3-ONE ; MALESTRONE ; MALOGEN ; MASTESTONA ; METANDREN ; 17-METHYLTESTOSTERON ; 17-METHYLTESTOSTERONE ; 17-ALPHA-METHYLTESTOSTERONE ; METRONE ; M.T.MUCORETTES ; NABOLIN ; NU-MAN ; ORAVIRON ; ORETON-M ; ORETON METHYL ; RU 24400 ; STERONYL ; SYNANDRETS ; SYNANDROTABS ; TESTHORMONE ; TESTORA ; TESTOVIRON (TABLET)

**CAS No:** 58-18-4**Chemical Formula:** C<sub>20</sub>H<sub>30</sub>O<sub>2</sub>**Distributor:** Hawkins Chemical, Inc. 3100 E. Hennepin Avenue, Minneapolis, MN 55413  
(612) 331-6910**Section 2: Composition/Information on Ingredients**

Ingredient	CAS No	Percent	Hazardous
Methyltestosterone	58-18-4	N.A.	Yes

**Label Precautionary Statements:**

TOXIC. MAY IMPAIR FERTILITY. POSSIBLE RISK OF HARM TO THE UNBORN CHILD. CALIFORNIA PROPOSITION 65 REPRODUCTIVE HAZARD.

**TARGET ORGANS(S):** LIVER

IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE). AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.

**Inhalation:** REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN.

**Ingestion:** WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.

**Skin Contact:** IMMEDIATELY FLUSH SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.

**Eye Contact:** IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

**Fire:** Emits toxic fumes under fire conditions.

**Explosion:** No information found.

**Fire Extinguishing Media:** Water Spray. Carbon dioxide, dry chemical powder or appropriate foam.

**Special Information:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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<b>Section 8 - Health Hazard Materials</b>			
Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8.			
<b>Spills:</b> Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Wash spill site after material pickup is complete.			
<b>Section 9 - Physical and Chemical Hazards</b>			
Keep tightly closed. Store in a cool, dry place. Refer to Section 8			
<b>Section 10 - Personal Protective Equipment</b>			
<b>Ventilation System:</b> Use only in a chemical fume hood. Avoid prolonged or repeated exposure.			
<b>Personal Respirators</b> Wear appropriate NIOSH/MSHA-approved respirator. (NIOSH Approved):			
<b>Skin Protection:</b> Compatible chemical-resistant gloves; lab coat, apron or coveralls; boots. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Maintain quick-drench facility in the work area.			
<b>Eye Protection:</b> Use chemical safety goggles and/or full face-shield where dusting or splashing of solutions is possible. Maintain eye wash fountain in the work area.			
<b>Appearance:</b> White crystalline powder.		<b>Solubility:</b> Insoluble in water.	
<b>Odor:</b> No information found.		<b>Melting Point:</b> 162°C	
<b>Stability:</b> Stable under ordinary conditions of use and storage.			
<b>Hazardous Decomposition Products:</b> Carbon dioxide and carbon monoxide.			
<b>Hazardous Polymerizations:</b> Will not occur.			
<b>Incompatibilities:</b> Strong oxidizing agents.			
<b>Acute Effects:</b> Harmful if swallowed, inhaled or absorbed through skin. May cause irritation. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.			
<b>Chronic Effects:</b> Overexposure may cause reproductive disorder(s) based on tests with laboratory animals. Target Organs: Liver.			
<b>LD50 (oral-rat):</b> 2500 mg/kg			
<b>LD50 (ipr-rat):</b> 1050 mg/kg			
<b>LD50 (scu-rat):</b> 5 g/kg			
<b>LD50 (oral-mouse):</b> 1860 mg/kg			
<b>LD50 (ipr-mouse):</b> 400 mg/kg			
<b>LD50 (scu-mouse):</b> > 5 g/kg			

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**Target Organ Data:** Liver (jaundice, cholestatic, tumors)  
Paternal effects (spermatogenesis; testes, epididymis, sperm duct; prostate, seminal vesicle, Cowper's, accessory glands; other effects on male)  
Maternal effects (uterus, cervix, vagina)  
Effects on fertility (post-implantation mortality; litter size)  
Specific developmental abnormalities (urogenital system)  
Effects on newborn (growth statistics; physical)  
Nutritional and gross metabolic (weight loss or decreased weight gain)  
Tumorigenic (carcinogenic by RTECS criteria)

Only selected registry of toxic effects of chemical substances (RTECS) data is presented here. See actual entry in RTECS for complete information. (#BV8400000)

**Ecological Fate:** No information found.

**Ecological Toxicity:** No information found.

Contact the Drug Enforcement Administration concerning the disposal of controlled substances.  
Observe all federal, state and local environmental regulations.

Please contact Hawkins Pharmaceutical Group for transport information.

**European Information:**

HARMFUL

R 20/22

Harmful by inhalation and if swallowed

R 33

Danger of cumulative effects

S 36/37/39

Wear suitable protective clothing, gloves and eye/face protection.

**Reviews, Standards and Regulations:**

OEL=MAK

OEL-Russia: STEL 0.005 mg/m<sup>3</sup> JAN 1993

NCHS 1974: HZD 80462; NIS 2; TNF 129; NOS 8; TNE 7715

EPA Genetox Program 1988, Negative: Sperm Morphology- Human

EPA TSCA Section 8(B) Chemical Inventory

**U.S. Information:**

Proposition 65: This product is or contains chemical(s) known to the state of California to cause developmental toxicity.

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**Prepared By:** Chris W. Gibson

**Revision Notes:** Updated information in Section 15.

**Disclaimer:**

Please be advised that it is your responsibility to inform your employees of the hazards of this substance, to advise them of what these properties mean and be sure they understand exposure information.

The information presented herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge. No warranty or guaranty, express or implied, is made regarding performance, stability, or otherwise. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage. Other factors may require additional safety or performance considerations. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, the handling and use remains the responsibility of the customer. No suggestions are intended as, and should not be construed as, a recommendation to infringe on any existing patents or to violate any Federal, State, or local laws.