

## MATERIAL SAFETY DATA SHEET

### Testosterone Enanthate Injection 200mg/mL

Revision Date: 07-25-2007

#### SECTION 1: PRODUCT IDENTIFICATION

<b>Product Name</b>	Testosterone Enanthate Injection USP 200mg/mL
<b>Common Name/Trade Name</b>	Testosterone Enanthate Injection USP 200mg/mL
<b>Manufacturer</b>	Paddock Laboratories, Inc.
<b>Synonyms</b>	NA
<b>Chemical Name</b>	Testosterone Enanthate
<b>Chemical Family</b>	Androgen
<b>Chemical Formula</b>	C <sub>26</sub> H <sub>40</sub> O <sub>3</sub>

#### SECTION 2: COMPOSITION AND INGREDIENTS

CHEMICAL NAME	CAS#	%	OSHA PEL	ACGIH TLV	IDLH
Sesame Oil	NA	>1	NA	NA	NA
Testosterone Enanthate, USP	315-37-7	21	NA	NA	NA
Chlorobutanol anhydrous, NF	57-15-8	<1	NA	NA	NA

#### SECTION 3: HAZARDS IDENTIFICATION

##### Potential Acute and Chronic Health Effects

Ingestion or absorption of therapeutic doses of androgens may result in adverse effects such as nausea, vomiting, changes in skin color, cholestatic jaundice, edema, headaches, anxiety, and depression.

Women may experience menstrual irregularities. Do not ingest this liquid. Although specific data are not available, aspiration may result in the adverse effects of the lung.

Under normal conditions this liquid is not an inhalation hazard.

Formulation may irritate the eyes.

Repeated exposure to high therapeutic doses of androgens may aggravate conditions such as: cancer, cardiac disease, renal disease, hepatic disease.

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**Pregnancy Comments**

Pregnancy exposure category X, pregnant women should avoid exposure

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**SECTION 4: FIRST AID MEASURES****Skin Exposure**

Thoroughly wash with mild soap and water for 15-20 minutes. If irritation persists or develops, seek medical attention.

**Eye Exposure**

Immediately flush with water for 15-20 minutes. If irritation persists or develops, seek medical attention.

**Inhalation**

Remove to fresh air, if difficulty in breathing, administer oxygen. If a person is not breathing artificial respiration can be attempted. Get medical attention immediately.

**Ingestion**

Flush out mouth with water. Seek medical attention immediately. Do not induce vomiting.

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**SECTION 5: FIRE / EXPLOSION HAZARDS & FIREFIGHTING MEASURES****Flammability of the Product**

NA

**Auto-ignition Temperature**

NA

**Flash Points**

NA

**Flammable Limits (in air by volume, %)**

Lower: NA

Upper: NA

**Fire Extinguishing Equipment**

Use extinguishing agent suitable for type of surrounding fire.

Foam: OK

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	Carbon Dioxide: OK Dry Chemical: OK
<b>Unusual Fire and Explosion Hazards</b>	This material may produce toxic carbon monoxide and carbon dioxide fumes if heated to decomposition.
<b>Explosion Hazards in presence of Various substances</b>	NA
<b>Firefighting Procedures</b>	NA

**SECTION 6: SPILL AND LEAK PROCEDURES**

<b>Spills</b>	Absorb liquid onto appropriate material and place into a container for disposal. Glove and eye protection should be worn, additional protection recommended.
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**SECTION 7: HANDLING AND STORAGE**

<b>Work and Hygiene Practices</b>	As with all chemicals, avoid getting this product ON YOU or IN YOU. Do not eat, drink or smoke or apply cosmetics while handling the product. Wash hands thoroughly after handling.
<b>Storage and Handling Practices</b>	Personnel handling this solution in a manufacturing facility should wear protective clothing including impermeable gloves, eyes protection, and a gown. Personnel who frequently handle this solution in a non-manufacturing setting (e.g. at a clinical facility) should wear impermeable gloves and eye protection.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Engineering Controls</b>	Under normal conditions of use, no special controls are required.
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<b><u>Personal Protection</u></b>	
<b>Respiratory Protection</b>	No special requirements.
<b>Eye Protection</b>	Safety glasses or goggles.
<b>Hand Protection</b>	Gloves.
<b>Body Protection</b>	Lab coat.

**SECTION 9: PHYSICAL / CHEMICAL PROPERTIES**

<b>Physical state and appearance</b>	Pale, yellow solution
<b>Molecular Weight</b>	400.6
<b>Boiling Point</b>	NA
<b>Vapor Density (AIR=1)</b>	NA
<b>Vapor Pressure (mm Hg)</b>	NA
<b>Melting/Freezing Point</b>	NA
<b>pH</b>	NA
<b>Water Solubility</b>	Insoluble
<b>Specific Gravity (Water =1)</b>	NA
<b>Water Reactivity</b>	NA
<b>Volatility</b>	NA
<b>Odor</b>	Slightly oily at room temperature

**SECTION 10: STABILITY AND REACTIVITY**

<b>Stability</b>	This product is stable.
<b>Incompatible Temperature</b>	NA
<b>Incompatible Materials</b>	Strong oxidizing agents
<b>Conditions of Instability</b>	Store at room temperature
<b>Hazardous Polymerization</b>	Will not occur
<b>Hazardous Decomposition</b>	May produce toxic carbon monoxide, carbon dioxide and HCl fumes if heated to decomposition.
<b>Conditions to Avoid</b>	None known at this time.

**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>Toxicity</b>	NA
<b>Suspected Cancer Agent</b>	Chronic exposure to potent androgens such as this one has been associated with development of liver tumors in humans and laboratory animals.

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Environmental Stability</b>	NA
<b>Ecotoxicity</b>	NA
<b>Products of Biodegradation</b>	NA
<b>Special Remarks</b>	NA

**SECTION 13: WASTE DISPOSAL**

Dispose of material according to local, state, federal and environmental disposal regulations or company operating procedures.

**SECTION 14: TRANSPORTATION INFORMATION**

<b>DOT classification</b>	NA
<b>Identification</b>	NA
<b>DOT Label(s) Required</b>	NA

**SECTION 15: REGULATORY INFORMATION**

<b>US SARA Reporting Requirements</b>	NA
<b>Federal and State Regulations</b>	NA
<b>U.S. TSCA Inventory Status</b>	NA

**SECTION 16: OTHER INFORMATION**

DEFINITIONS OF ABBREVIATIONS USED:

<b>ACGIH</b>	American Conference of Governmental Industry Hygienists
<b>CAS</b>	Chemical Abstract Service
<b>IARC</b>	International Agency for Research on Cancer
<b>IDLH</b>	Immediately Dangerous to Life or Health Level
<b>LC<sub>50</sub></b>	Medial Lethal Concentration
<b>LD<sub>50</sub></b>	Medial Lethal Dose
<b>MSHA</b>	Mine Safety and Health Administration
<b>NA</b>	Not Available
<b>ND</b>	No Data
<b>NE</b>	Not Established
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	Occupational Safety and Health Administration

<b>PEL</b>	Permissible Exposure Limit
<b>SARA</b>	Superfund Amendments and Reauthorization Act
<b>STEL</b>	Short Term Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>TWA</b>	Time Weighted Average

**SECTION 17: DISCLAIMER**

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