

MATERIAL SAFETY DATA SHEET (MSDS)

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: RAD-140 (Testolone) Liquid

Synonyms: Testolone

Intended Use: For research and laboratory use only. Not for human consumption.

Company Identification: Maxmusclelabs.com

2. HAZARDS IDENTIFICATION

Emergency Overview:

- Appearance: Clear to slightly yellowish liquid
- Odor: Odorless or faint characteristic smell

GHS Classification:

The full toxicological properties of RAD-140 have not been thoroughly investigated. Handle as a potentially harmful chemical.

- **Health Hazards:** May cause irritation to eyes, skin, and respiratory tract.
- **Precautionary Statements (P):**
 - **P261:** Avoid breathing vapors.
 - **P264:** Wash thoroughly after handling.
 - **P280:** Wear protective gloves, protective clothing, eye protection, and face protection.
 - **P301+P330+P331:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 - **P302+P352:** IF ON SKIN: Wash with plenty of soap and water.
 - **P304+P340:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: RAD-140 (Testolone)

CAS Number: Not officially assigned (Research Chemical)

Concentration: Typically 1–20 mg/mL in carrier (e.g., Ethanol or PEG solution)

Carrier Solvent: May vary; commonly ethanol or propylene glycol. Check specific product details.

4. FIRST-AID MEASURES

- **Inhalation:** Move person to fresh air. If breathing is difficult, seek medical attention.
- **Skin Contact:** Wash with soap and water. Remove contaminated clothing and rinse thoroughly. Seek medical attention if irritation persists.
- **Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes. Seek medical attention if irritation develops.
- **Ingestion:** Rinse mouth with water. Do not induce vomiting. Seek medical attention immediately.

5. FIREFIGHTING MEASURES

- **Suitable Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical, or CO₂.

- **Hazards during Fire:** May produce toxic fumes under fire conditions.
- **Protective Equipment for Firefighters:** Wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Wear protective clothing, gloves, and safety glasses. Avoid inhalation of vapors.
- **Containment and Cleanup:** Absorb with inert material (e.g., dry sand) and place in a suitable container for disposal. Ventilate area. Wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

- **Handling:** Avoid contact with skin and eyes. Use in a well-ventilated area or fume hood. Do not breathe vapors.
- **Storage:** Store in a tightly closed container. Keep in a cool, dry, well-ventilated area away from incompatible substances. Protect from light. Follow manufacturer's recommended storage conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Exposure Limits:** No established occupational exposure limits.
- **Engineering Controls:** Use local exhaust ventilation or work in a fume hood.
- **Personal Protective Equipment (PPE):**
 - Eye/Face Protection: Safety glasses or goggles
 - Skin Protection: Protective gloves (nitrile or latex) and laboratory coat
 - Respiratory Protection: NIOSH-approved respirator if ventilation is inadequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Clear to slightly yellowish liquid
- Odor: Odorless or faint characteristic
- pH: Not determined
- Boiling Point/Range: Dependent on solvent
- Flash Point: Dependent on solvent
- Solubility: Soluble in organic solvents (ethanol, DMSO); limited water solubility
- Specific Gravity: Dependent on carrier solution

10. STABILITY AND REACTIVITY

- **Stability:** Stable under recommended storage conditions.
- **Conditions to Avoid:** Excessive heat, direct sunlight.
- **Incompatible Materials:** Strong oxidizing agents.
- **Hazardous Decomposition Products:** Carbon oxides and other potentially harmful fumes when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

- **Acute Toxicity:** Not fully characterized.
- **Skin/Eye Irritation:** May cause irritation.
- **Respiratory Irritation:** Vapors or aerosols may cause respiratory tract irritation.
- **Sensitization:** Not known.
- **Chronic Effects:** Long-term effects unknown; intended for research use only.
- **Carcinogenicity, Mutagenicity, Reproductive Effects:** Not fully studied.

12. ECOLOGICAL INFORMATION

- **Ecotoxicity:** Not available.
 - **Persistence and Degradability:** Not established.
 - **Bioaccumulation Potential:** Not known.
- Handle as a potentially hazardous substance. Avoid release into the environment.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, regional, and national regulations. Consult a licensed waste disposal service to ensure proper handling.

14. TRANSPORT INFORMATION

- **UN Number:** Not regulated
- **UN Proper Shipping Name:** Not regulated
- **Transport Hazard Class:** Not classified as dangerous goods under ADR/RID, IMDG, or IATA.
- Always comply with local transport regulations.

15. REGULATORY INFORMATION

- No specific regulatory information available for RAD-140 as it is considered a research chemical.
- Ensure compliance with local, state, and national laws and regulations regarding the use, handling, and disposal of this substance.

16. OTHER INFORMATION

- **Disclaimer:** The information provided herein is believed to be accurate and represents the most current data available at the time of preparation. However, no warranty, guarantee, or representation is made as to the absolute correctness or sufficiency of this information, nor can it be assumed that all possible safety measures are contained in this document.
- Users are responsible for ensuring that they have all current data relevant to their particular use and that their use of this product is in full compliance with all applicable regulations and standards.