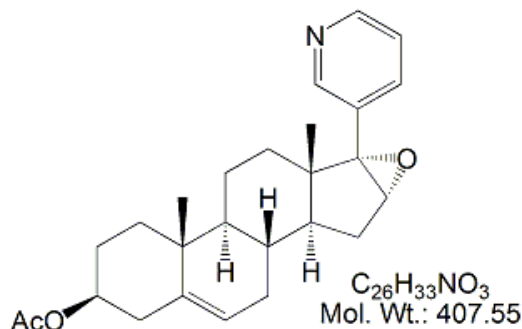


MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE:

Product Name: Abiraterone Acetate Alpha-Epoxyde
Synonym: (16 α ,17 α)-Epoxy 16,17-Dihydro-Abiraterone Acetate
CAS Name: 17-(Pyridine-3-yl)-16 α ,17 α -epoxyandrost-5-en-3 β -yl acetate
CAS Number: N/A
Structure:



2. COMPOSITION / INFORMATION ON INGREDIENT:

This product contains minimum 95% of Abiraterone Acetate Alpha-Epoxyde.

3. HAZARDS IDENTIFICATION

Skin Contact: Allergic reaction and irritation are not expected following direct contact.

Eye Contact: Irritation may occur following direct contact.

Inhalation: Not expected to occur during normal handling of this product.

Ingestion: Effects after overexposure might include drowsiness or weakness.

4. FIRST-AID MEASURES

Skin Contact: wash contaminated area with water thoroughly.

Eye Contact: Flush eyes continuously with water for at least 15 minutes. Do not use a chemical neutralizer. Obtain medical assistance if symptoms occur.

Inhalation: Not applicable for this product.

Ingestion: seek medical advice.

Notes to Physician: Consider further flushing of eyes with large amounts of water or saline. Effects on the nervous system are of prime concern.

Antidotes: No specific antidotes known.

5. FIRE-FIGHTING MEASURES

Fire and Explosion Hazards: Not expected for the product, although the packaging is combustible.

Fire Control: This material is non-combustible. Water is recommended for fires involving packaging.

Special Fire-fighting Procedures: No special fire-fighting requirements. Where appropriate, collect product or fire-fighting water for later disposal.

6. HANDLING AND STORAGE

There is no special requirement for normal handling; Store in dry area at 2 to 8 degrees C.

7. STABILITY AND REACTIVITY

This material is expected to be stable under normal condition, however, it may react violently with strong oxidizer or reducer.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wash hands and arms thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Off White or White Solid; Soluble in methanol & chloroform; Insoluble in cold water.

10. ACCIDENTAL RELEASE MEASURES

No special requirements for handling spills from single containers. For large spills, take precautions to prevent entry into waterways, sewers, or surface drainage systems. Use protective clothing during clean-up prior to disposal of spilled material. Water can be used for clean-up and decontamination operations. No specific decontamination or detoxification procedures have been identified for this substance.

11. TOXICOLOGICAL INFORMATION

Oral Toxicity: N/F.

Inhalation Toxicity: Not applicable for this product.

Skin Toxicity: Irritation is not expected.

Eye Effects: Irritation might occur.

Sensitization: Sensitization (allergic skin reaction) is not expected.

Carcinogenicity: not listed as carcinogens by SB, IARC, NTP or US OSHA.

12. TRANSPORT INFORMATION

The MSDS should accompany all shipments for reference in the event of spillage or accidental release. Transportation and shipping of this material is not restricted. There is no significant hazard requiring special packaging or labeling for air, maritime, or ground transport purposes.

13. REGULATORY INFORMATION

Regulatory Requirements: Consult local regulations prior to disposal.

US Environmental (EPA) Requirements: No US EPA reporting requirements.

US OSHA Labeling Requirements: No specific OSHA labeling requirements.

14. ECOLOGICAL INFORMATION

No information is available about the potential of this material to produce adverse environmental effects. Local regulations and procedures should be consulted prior to environmental release.

15. DISPOSAL CONSIDERATIONS

Collect for recycling or recovery if possible, or call waste treatment company to pick up.

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The product must be handled by technically qualified personnel, supplier shall not be held liable for any damage resulting from handling or from contact with the above product.

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