

Section 1 - General Information

Chemical Name:

4-Pregnen-17a, 20a-diol-3-one

CAS Reg. Number:

652-69-7

Preparation Date/Revision Date:

12/14/2004

Manufacturer's Name:

Toronto Research Chemicals Inc.,

2 Brisbane Rd., North York, ON

Canada, M3J 2J8

Telephone Number:

416-665-9696

Fax Number:

416-665-4439

Section 2 - Hazardous Ingredients/Identity Information

The toxicological properties have not been thoroughly tested exercise due care

Section 3 - Physical/Chemical Characteristics

Boiling Point:

N/A

Appearance and Odor:

white solid

Vapor Pressure:

N/A

Specific Gravity(H₂O=1):

N/A

Solubility in Water:

N/A

Melting Point:

204-206 °C

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Section 4 - Reactive Data

Stability:

stable

Incompatibility (Materials to Avoid):

Strong oxidizing agents

Conditions to Avoid:

Strong oxidizers

Hazardous Decomposition or Byproducts:

Toxic fumes of carbon monoxide, carbon dioxide

Hazardous Polymerization:

will not occur

Section 5 - Control Measures

Respiratory Protection:

Niosh/Msha approved respirator

Ventilation:

hood

Protective Gloves:

chemical resistant gloves

Eye Protection:

chemical safety goggles

Other Protective Clothing:

lab coat or apron

Other Protection:

safety shower and eye bath

Section 6 - First Aid Measures

Inhalation:

remove to fresh air, if not breathing give artificial respiration. If breathing is difficult give oxygen.

Skin:

rinse with copious amounts of water for 15 min, remove contaminated clothing and shoes

Ingestion:

rinse mouth out with water provide the person is conscious. seek medical attention

Eyes:

flush eyes with copious amounts of water separating the eyelids with fingers

Section 7 - Health Hazard Data

Health Hazards (Acute and Chronic):

ROUTE OF EXPOSURE Skin Contact: May cause skin irritation. Skin Absorption: May be harmful if absorbed through the skin. Eye Contact: May cause eye irritation. Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. Toxic if inhaled. Ingestion: Harmful if swallowed. The toxicological properties have not been thoroughly investigated exercise due care.

Medical Conditions Generally Aggravated by Exposure:

The toxicological properties have not been thoroughly investigated exercise due care.

Section 8 - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:

wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Waste Disposal Method:

dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations

Precautions to Be Taken in Handling and Storage:

Avoid contact and inhalation. Keep tightly closed. Restrict handling by unqualified personnel. Store in a Freezer, avoid prolong, repeated exposure. wash after handling

Section 9 - Fire and Explosion Hazard Data

Extinguishing Media:

water spray. Carbon dioxide, Dry chemical powder or appropriate foam.

Special Fire Fighting Procedures:

wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes

Unusual Fire and Explosion Hazards:

Emits toxic fumes under fire conditions

Section 10 - Transportation Information and regulatory information