Material Safety Data Sheet  
(Danazol)

SECTION 1 – PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Danazol  
SYNONYM: 2,4,17α-Pregnadien-20-yno[2,3-d]isoxazol-17-ol, 17β-Hydroxy-2,4,17α-pregnadien-20-yno[2,3-d]isoxazole  
FORMULA: C22H27NO2  
CAS NUMBER: 17230-88-5

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>CAS NUMBER</th>
<th>PURITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Danazol</td>
<td>17230-88-5</td>
<td>100%</td>
</tr>
</tbody>
</table>

SECTION 3– HAZARDS IDENTIFICATION

Emergency Overview  
OSHA Hazards  
Target Organ Effect  
Target Organs  
Pituitary., Female reproductive system.

HMIS Classification  
Health Hazard: 0  
Chronic Health Hazard: *  
Flammability: 0  
Physical hazards: 0

NFPA Rating  
Health Hazard: 0  
Fire: 0  
Reactivity Hazard: 0

Potential Health Effects  
Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.  
Skin: May be harmful if absorbed through skin. May cause skin irritation.  
Eyes: May cause eye irritation.  
Ingestion: May be harmful if swallowed.

SECTION 4 – FIRST AID MEASURES

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**
If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

**In case of skin contact**
Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed**
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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### SECTION 5 – FIRE FIGHTING MEASURES

**Flammable properties**
- Flash point: no data available
- Ignition temperature: no data available

**Suitable extinguishing media**
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for fire-fighters**
Wear self contained breathing apparatus for fire fighting if necessary.

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### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal precautions**
Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

**Environmental precautions**
Do not let product enter drains.

**Methods for cleaning up**
Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

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### SECTION 7- HANDLING AND STORAGE

**Handling**
Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

**Storage**
Keep container tightly closed in a dry and well-ventilated place.

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### SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.
Personal protective equipment

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection
For prolonged or repeated contact use protective gloves.

Eye protection
Safety glasses

Skin and body protection
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Form solid

Safety data
pH no data available
Melting point no data available
Boiling point no data available
Flash point no data available
Ignition temperature no data available
Lower explosion limit no data available
Upper explosion limit no data available
Water solubility no data available

SECTION 10 – STABILITY AND REACTIVITY DATA

Storage stability
Stable under recommended storage conditions.

Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx)

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity
LD50 Oral - rat - > 17,000 mg/kg

Irritation and corrosion
no data available
Sensitisation
no data available

Chronic exposure
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Potential Health Effects
Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
Skin May be harmful if absorbed through skin. May cause skin irritation.
Eyes May cause eye irritation.
Ingestion May be harmful if swallowed.
Target Organs Pituitary., Female reproductive system.,

SECTION 12 – ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)
no data available

Ecotoxicity effects
no data available

Further information on ecology
no data available

SECTION 13 – DISPOSAL CONSIDERATION

Product
Observe all federal, state, and local environmental regulations.

Contaminated packaging
Dispose of as unused product.

SECTION 14 - TRANSPORTATION DATA

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods
OSHA Hazards
Target Organ Effect

DSL Status
All components of this product are on the Canadian DSL list.

SARA 302 Components
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Chronic Health Hazard

Massachusetts Right To Know Components
Danazol   CAS-No. 17230-88-5   Revision Date 1991-07-01

Pennsylvania Right To Know Components
Danazol   CAS-No. 17230-88-5   Revision Date 1991-07-01

New Jersey Right To Know Components
Danazol   CAS-No. 17230-88-5   Revision Date 1991-07-01

California Prop. 65 Components
WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.
Danazol   CAS-No. 17230-88-5   Revision Date 1990-04-01

Disclaimer
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 information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.