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**SECTION 1: IDENTIFICATION**

**Effective Date:** 12/17/96  
**Product Name:** **HYDROCORTISONE**  
**Common Name:** 4-Pregnene-11-beta, 17-alpha, 21-triol 3,20-dione  
**CAS No.:** 50-23-7

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**SECTION 2: HAZARDOUS INGREDIENTS:**

Very dangerous in case of ingestion. Slightly dangerous to dangerous in case of eye contact (irritant), of skin contact (permeator). Very slightly dangerous to slightly dangerous in case of skin contact (irritant), of inhalation. Product may irritate eyes and skin upon contact. Substance is toxic to lungs, the nervous system, mucous membranes. Repeated or prolonged exposure can produce target organs damage.

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**SECTION 3: PHYSICAL DATA**

**Physical Data:**

Appearance and Odor:	solid, white to off-white, crystalline powder, odorless, bitter
Boiling point: (760 mmHg)	decomposes
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	n/a
Solubility in water: (by weight)	easily soluble in cold water, soluble in methanol
Melting Point:	218°C (424.4°F)
Volatility:	n/a
Vapor Density:	n/a
Solubility	Soluble in methanol, acetone. Very slightly soluble in cold & hot water.

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**SECTION 4: FIRE AND EXPLOSION DATA**

**Fire and Explosion Information:**

Combustible?:	Yes
Flash point:	n/a
Flammable limit:	n/a
Extinguishing Media:	Small fire: dry chemicals, CO <sub>2</sub> , water spray or foam. Large fire: Use water spray, fog or foam. Do not use
Unusual Fire and Explosion Hazards:	No specific information available

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**SECTION 5: REACTIVITY DATA**

**Reactivity Data:**

Stable     X     Unstable                     

<b>Conditions to Avoid:</b>	non-corrosive in presence of glass
<b>Incompatibilities:</b>	slightly reactive to reactive with acids, alkalis
<b>Hazardous Decomposition or byproducts:</b>	n/a
<b>Hazardous Polymerization:</b>	no

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**SECTION 6: HEALTH HAZARD DATA**

<b>Threshold Limit Value (TLV):</b>	n/a
<b>Routes of Entry:</b>	ingestion, skin contact
<b>Toxicity:</b>	
<b>Oral LD50 (rat):</b>	5000 mg/kg

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#### SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

<b>Spillage:</b>	Small spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose according to local and regional authority requirements. Large spill: Use shovel to put material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through sanitary system.
<b>Disposal:</b>	Recycle to process if possible. Consult your local or regional authorities.

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#### SECTION 8: FIRST AID PROCEDURES

<b>First Aid:</b>	
<b>Eyes:</b>	Check for and remove any contact lenses. Immediately flush eyes with running water at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.
<b>Skin:</b>	Remove contaminated clothes as quickly as possible, protecting your own hands and place victim under deluge shower. If chemical touches victim's exposed skin, such as hands, gently wash with running water and non-abrasive soap. Cold water may be used. Cover irritated skin with an emollient. Seek medical attention.
<b>Inhalation:</b>	Allow victim to rest in well ventilated area. Seek medical attention
<b>Ingestion:</b>	Remove dentures if any. Have conscious person drink several glasses of water or milk. Induce vomiting by sticking finger in throat. Lower head so vomit will not enter the mouth and throat. Never give an unconscious person anything to ingest. Seek medical attention.

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#### SECTION 9: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

<b>Other Precautions:</b>	Keep away from heat, sources of ignition, acids, alkalis, and strong oxidizing agents. Keep container dry, tightly closed, and in well ventilated, cool place. Ground all equipment containing material.
ingested and show necessary.	Do not ingest or inhale dust. Wear suitable protective clothing. Seek medical advice if container or label. Evaporate residue under fume hood. Wear respiratory equipment if necessary.

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#### SECTION 10: SPECIAL PROTECTION INFORMATION

<b>Ventilation:</b>	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits.
<b>Eye Protection:</b>	Splash goggles
<b>Protective Gloves:</b>	Disposable vinyl gloves
<b>Respiratory Protection:</b>	Respirator when ventilation inadequate
<b>Other Protective Gear:</b>	Lab coat

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#### SECTION 11: TRANSPORT INFORMATION

<b>DOT classification:</b>	not a DOT regulated material
<b>DOT pictograms:</b>	