



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Hydrocortisone USP Micronized

30-1028

Section 1: Identification

Product Name Hydrocortisone USP Micronized
Commercial Name Pregn-4-ene-3,20-dione,11,17,21-trihydroxy-, (11 beta)
Product Use Not available.
Restrictions On Use Not available.
Product Code 30-1028
Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760
In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Acute toxicity, dermal Category 2 Serious eye damage/eye irritation Category 2B Reproductive toxicity
CFR 1910.1200 Category 2 Specific target organ toxicity, repeated exposure Category 1 (endocrine system)
Signal Word DANGER
Hazard Statement(s) Fatal in contact with skin. Causes eye irritation. Suspected of damaging fertility or the unborn child. Causes damage to organs (endocrine system) through prolonged or repeated exposure.
Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P260 - Do not breathe dust/fume/gas/mist/vapours/spray P263 - Avoid contact during pregnancy/while nursing P281 - Use personal protective equipment as required
Response P314 - Get medical advice/attention if you feel unwell
Storage Not available.
Disposal P501 - Dispose of contents/container to: Hazardous waste. Comply with applicable regulations

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Hydrocortisone
% By Weight 100
CAS# 50-23-7
Molecular Weight 362.47 g/mole
Chemical Formula C₂₁H₃₀O₅
Synonym(s) Cortisone, 11-Beta-Hydrocortisone

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Hydrocortisone	50-23-7	100		ORAL (LD50): Acute: 5000 mg/kg [Rat].

Section 4: First-Aid Measures

Inhalation	Move to fresh air in case of accidental inhalation. Assure fresh air breathing.
Skin Contact	Rinse skin with water/shower.
Eye Contact	Rinse with water while holding the eyes wide open. Contact lenses should be removed.
Ingestion	Rinse mouth out with water.
Symptoms/Effects	
Acute	Not available
Delayed	Not available
Immediate Medical Attention	
Not available	

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Small amounts: Use extinguishing media appropriate for surrounding fire. Extinguishing blanket. Carbon dioxide. Dry powder. Large amounts: Not applicable.

Unsuitable Extinguishing Media

Water may be ineffective in firefighting due to low solubility.

Products of Combustion

Not available

Firefighters Special Equipment and Precautions

Small amounts: Use normal individual fire protective equipment. Large amounts: Not applicable.

Section 6: Accidental Release Measures

Avoid raising dust. Wear suitable protective clothing, gloves and eye or face protection. Large amounts: Not applicable. Methods for cleaning up: Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Ensure waste is collected and contained. Clean thoroughly. Poorly soluble in water. Clean with the help of detergents.

Section 7: Handling and Storage

Small amounts: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us. Precautions for safe handling Handle and open container with care. Hygiene measures Handle in accordance with good industrial hygiene and safety procedures. Technical measures: Comply with applicable regulations. Storage conditions: To guarantee the quality and properties of the product, keep: dry, Keep in a cool, well-ventilated place away from heat. Store in original container. Incompatible products Strong oxidizing agents

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Not available
Personal Protection	Hand protection Gloves. Skin and body protection Lab coat. Respiratory protection Quarter mask (DIN EN 140).

Section 9: Physical and Chemical Properties

Appearance	White or almost white Crystalline powder. solid.		
Odor	Odorless		
Odor Threshold	Not available.		
Melting Point	214°C	pH	7,5 – 8.5
Freezing Point	Not available.	Vapor Pressure	Not applicable.
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Log Pow 3,7 at 20°C	Evaporation Rate	Not available.
Flash Point	Not available	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Sparingly soluble in ethanol and acetone. Slightly soluble in methanol and ethyl acetate.		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Stable under normal conditions.
Chemical Stability	Not available.
Hazardous Polymerization	Small amounts: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us. Large amounts: Not applicable
Conditions to Avoid	Not available
Incompatible Materials	Small amounts: None under normal use. Large amounts: Not applicable.
Hazardous Decomposition Products	When heated to decomposition, emits dangerous fumes. Large amounts: Not applicable.

Section 11: Toxicological Information

RTECS	GM8925000
Acute Toxicity	Not available
Skin Corrosion/Irritation	Not available
Serious Eye Damage/Irritation	Not available
Respiratory or Skin Sensitization	Not available
Germ Cell Mutagenicity	Not available.
Carcinogenicity	May cause cancer.
Reproductive Toxicity	Suspected of damaging the unborn child. Suspected of damaging fertility
Routes of Entry	Not available

Symptoms Related to Exposure

Avoid any direct contact with the product. Small amounts: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us. Large amounts: Not applicable.

Potential Health Effects

Not available.

Target Organ(s)

May causes damage to organs through prolonged or repeated exposure

Section 12: Ecological Information**Ecotoxicity**

Small amounts: Poorly soluble in water. No data available on ecotoxicity. Hazardous waste. Large amounts: Not applicable. LC50 fishes 1 > 100 mg/l LC50-96 Hour - fish

Persistence and Degradability

Biodegradation > 80

Bioaccumulative Potential

Log Pow 3,7 at 20°C

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations**Waste Disposal**

Dispose in a safe manner in accordance with local/national regulations.

Disposal of Container

Not available.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

Full text of R-, H- and EUH-phrases: Repr. 2 Reproductive toxicity, Category 2 Repr. 2 Reproductive toxicity, Category 2 STOT RE 2 Specific target organ toxicity — Repeated exposure, Category 2 H361d Suspected of damaging the unborn child H361f Suspected of damaging fertility H373 Causes damage to organs through prolonged or repeated exposure R48/20/21/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed R62 Possible risk of impaired fertility R63 Possible risk of harm to the unborn child Xn Harmful

Other

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Section 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 information in this document is based on the present state of our knowledge and is applicable to the product with regards to appropriate safety precautions. It does not represent any guarantee of the properties of the product. The company shall not be held liable for any damage resulting from handling or from contact with the above product.