

## SAFETY DATA SHEET



Humco Holding Group, Inc.  
7400 Alumax Dr  
Texarkana TX 75501 USA  
800-662-3435  
cs@humco.com  
www.humco.com

24-Hour Emergency Number (CHEMTREC)  
USA- 800-424-9300  
All non-emergency calls should be directed to  
Customer Service at 800-662-3435

NAME: PREDNISOLONE

SDS NO.8164

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Prednisolone

**Synonyms:** Prednisolonum

**Recommended Use:** No relevant information available.

**Manufacturer / Supplier:** Humco Holding Group, Inc.


7400 Alumax Dr  
Texarkana TX 75501 USA  
800-662-3435  
cs@humco.com  
www.humco.com

**24-Hour Emergency Number (CHEMTREC)**

USA- 800-424-9300

All non-emergency calls should be directed to Customer Service at 800-662-3435

## 2. HAZARD IDENTIFICATION

<b>Pictogram:</b>	 GHS08
<b>Classification:</b>	Repr. 1B
<b>Signal Word:</b>	Danger
<b>Hazard Statements:</b>	H360 May damage fertility or the unborn child

## 3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
PREDNISOLONE	50-24-8

The exact percentage has been withheld as a trade secret

#### 4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Not determined	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.
Ingestion	Not determined	Call a doctor immediately. Rinse out mouth and drink plenty of water.
Skin	Not determined	Generally, the product does not irritate the skin.
Eyes	Not determined	Rinse opened eye for several minutes under running water.

#### 5. FIRE-FIGHTING MEASURES

Flash Point:	Not Applicable
Auto Ignition:	Not Determined
Extinguishing Media:	CO <sub>2</sub> , extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.
Products of Combustion:	Carbon monoxide
Fire Fighting Equipment and Procedures:	Wear self-contained respiratory protective device.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Not required
Environmental Precautions:	Do not allow to enter sewers/surface or ground water
Method of Containment & Clean-Up:	Ensure adequate ventilation

#### 7. HANDLING AND STORAGE

Handling:	Thorough dedusting
Storage:	Store at temperatures not exceeding 8°C / 46°F Product is hygroscopic Protect Store in cool, dry conditions in well-sealed receptacles.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Engineering Controls:</b>	No further relevant information.
<b>Personal Protective Equipment (PPE)</b>	Protective work clothing.
<b>Eye/Face Protection:</b>	Tightly-sealed goggles
<b>Skin Protection:</b>	Protective gloves
<b>Respiratory Protection</b>	In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
<b>General Hygiene Considerations:</b>	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Avoid contact with the eyes and skin Pregnant women should strictly avoid inhalation or skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Powder, white	<b>Upper/Lower Flammability:</b>	Not Applicable
<b>Odor:</b>	Odorless	<b>Vapor Pressure @ 795°C (1,463°F):</b>	Not Determined
<b>Odor Threshold:</b>	Not Determined	<b>Vapor Density:</b>	Not Applicable
<b>pH:</b>	5.5 – 8.5	<b>Density at 20°C (68°F):</b>	Not Determined
<b>Melting point /Freezing Point:</b>	~235°C (455°F) /Not Determined	<b>Solubilities:</b>	Insoluble
<b>Boiling point/range:</b>	Not Determined	<b>Partition coefficient: n-octanol/water:</b>	Not Determined
<b>Flash point</b>	Not Applicable	<b>Auto-ignition temperature</b>	Not Determined
<b>Evaporation rate</b>	Not Applicable	<b>Decomposition Temperature:</b>	Not Determined
<b>Flammability:</b>	Product is not flammable	<b>Viscosity</b>	Not Applicable

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No further relevant information available.
<b>Chemical Stability:</b>	No further relevant information available.
<b>Possibility of Hazardous reactions:</b>	Reacts with strong oxidizing agents.
<b>Conditions to Avoid:</b>	No further relevant information available.
<b>Incompatible materials:</b>	No further relevant information available.
<b>Hazardous Decomposition Products:</b>	Carbon monoxide Carbon dioxide

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	Not Determined
<b>Skin irritation:</b>	No Irritant effect
<b>Eye contact damage:</b>	No Irritating effect
<b>Respiratory damage:</b>	Not Determined
<b>Ingestion overdose:</b>	Not Determined
<b>Delayed, immediate, or chronic effects from short- and long-term exposure</b>	No further relevant information available.
<b>LD50 Oral:</b> <b>Dermal:</b>	1,680 mg/kg (Mus)
<b>Symptoms associated with exposure:</b>	No further relevant information available.
<b>Carcinogenicity:</b>	No further relevant information available.
<b>OSHA:</b>	Substance is not listed.
<b>NTP:</b>	Substance is not listed.
<b>IARC:</b>	Substance is not listed.

**12. ECOLOGICAL INFORMATION**

<b>Acute or chronic aquatic toxicity:</b>	LC50   >500 mg/l (Fish)
<b>Chemical degradation:</b>	No further relevant information available.
<b>Biodegradation:</b>	No further relevant information available.
<b>Bioaccumulation potential</b>	No further relevant information available.
<b>Adsorption studies or leaching studies:</b>	No further relevant information available.
<b>Other adverse effects</b>	Water hazard class 2: hazardous for water

**13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**14. TRANSPORT INFORMATION**

<b>DOT Hazard Classification:</b>	Void
<b>UN number:</b>	Void
<b>UN proper shipping name:</b>	Void
<b>Transport hazard class(es):</b>	Void
<b>Packing group number:</b>	Void
<b>Environmental hazards:</b>	Void
<b>Special precautions:</b>	Not Applicable

**REGULATORY INFORMATION**

No further relevant information available.

**15. OTHER INFORMATION**

The information in this SDS is considered current and reliable. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal are beyond Humco's control, it is the responsibility of the user to determine safe conditions for use and to assume liability for loss, damage, or expenses arising from improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission. Various agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in the SDS. The user should review these regulations to ensure full compliance.