

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078073278

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078325910 078506587 078817827 078817892 078817967 078817975 078929179 078929182 078929184 078929185

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

078088566 078088749 078909906 078909907 078909908

## MATERIAL SAFETY DATA SHEET

**FMOM No.:** 9122-4.5MM-0.00

**DATE:** 8/2/05

**PRODUCT NAME:** Prednisone Tablets

**POTENCY:** 20 mg

**BATCH SIZE:** 4,500,000 Tablets

---

**LAKE D&C YELLOW #10: CAS # 68814-04-0**

Signs and Symptoms  
of Overexposure: NONE.

Primary Route(s)  
of Entry: Inhalation.

Emergency and First  
Aid Procedures: In case of accidental eye contact, flush eyes with water. If irritation exists, obtain medical attention.

**FD&C YELLOW #6 LAKE: CAS # 15790-07-5**

Signs and Symptoms  
of Overexposure:

ACUTE: NO EFFECTS.

CHRONIC: N/A.

Emergency and First  
Aid Procedures:

1. Eyes: N/A

2. Skin: N/A

3. Inhalation: N/A

4. Ingestion: N/A

**MICROCRYSTALLINE CELLULOSE (Avicel): CAS # 9004-34-6**

Signs and Symptoms  
of Overexposure: Not a health hazard.

**Prednisone Tablets, 20 mg**

Page 1 of 3

**ANHYDROUS LACTOSE: CAS # 63-42-3**

Signs and Symptoms  
of Overexposure: NONE - Not a health hazard.

**SODIUM STARCH GLYCOLATE (Primojel): CAS # 9063-38-1**

Signs and Symptoms  
of Overexposure: Not a health hazard.

Special Fire Fighting  
Procedures: Use health protection because poisonous gas will be formed when burning.

**PREDNISONE: CAS # 53-03-2**

Signs and Symptoms  
of Overexposure: CAS 53-03-2 TDLo: 113 mg/kg Unknown Woman  
LDLo: 800 mg/kg Intraperitoneal Mouse  
LDS0: 600 mg/kg Intramuscular Mouse  
Mutation Data [RTECS]  
Tumorigenic Data [RTECS]  
Reproductive Effect Data [RTECS]

Possible allergic reaction to dust if inhaled, ingested or in contact with skin. Suppression of adrenal gland secretion, Cushing's syndrome, water retention, electrolyte imbalance, hyperglycemia

ACUTE: Eye, skin and/or respiratory tract irritation

CHRONIC: Possible hypersensitization

Emergency and First Aid  
Procedures: Remove from exposure. Remove contaminated clothing. Persons developing serious hypersensitivity reactions must receive immediate medical attention. Upon eye or skin contact, flush affected area with copious quantities of water. Obtain medical attention. If not breathing give artificial respiration. If breathing is difficult give oxygen.

1. Inhalation May cause irritation of respiratory tract. Avoid inhalation. Remove to fresh air.
2. Eyes May cause irritation. Flush with copious quantities of water.
3. Skin May cause irritation. Flush with copious quantities of water.
4. Ingestion May cause irritation. Flush out mouth with water.

**MAGNESIUM STEARATE: CAS # 557-04-0**

**Signs and Symptoms  
of Overexposure:**

- |               |  |
|---------------|--|
| 1. Inhalation | Symptoms from excessive inhalation of dust may include coughing and difficult breathing. |
| 2. Ingestion: | Low level of toxicity by ingestion.  |
| 3. Skin:      | No information found. Not expected to be a hazard.                                       |
| 4. Eye:       | May cause mechanical irritation.   |

Chronic Exposure:	Grossly excessive and chronic inhalation of the dust may cause a progressive chemical pneumonitis.
-------------------	--

Aggravation of Pre-existing Conditions:	Persons with pre-existing skin disorders, impaired respiratory function, or a history of pulmonary disease should not be exposed to dusts.
---	--

## 1. Identification

<b>Product identifier</b>	<b>PredniSONE Tablets USP, 1 mg, 2.5mg, 5mg, 10mg, 20mg, 50mg</b>
<b>Other means of identification</b>	
<b>Product code</b>	1mg white tablet, debossed with product identification "54 092" on one side, and scored on the other., 2.5mg white compressed tablet, debossed with product identification "54 339" on one side, and scored on the other., 5mg white compressed tablet, debossed with product identification "54 512" on one side, and scored on the other., 10mg white compressed tablet, debossed with product identification "54 899" on one side, and scored on the other., 20mg white compressed tablet, debossed with product identification "54 760" on one side, and scored on the other., 50mg white compressed tablet, debossed with product identification "54 343" on one side, and scored on the other
<b>Recommended use</b>	Indicated for inflammation, severe allergies, complications of chronic illnesses, and other medical problems.
<b>Recommended restrictions</b>	None known.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Company name</b>	West-Ward Pharmaceuticals Corporation
<b>Address</b>	1809 Wilson Road Columbus, Ohio 43228
<b>Telephone</b>	(614) 276-4000
<b>Emergency phone number</b>	(614) 276-4000

## 2. Hazard(s) identification

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>OSHA defined hazards</b>	Not classified.
<b>Label elements</b>	
<b>Hazard symbol</b>	None.
<b>Signal word</b>	Warning
<b>Hazard statement</b>	This is a pharmaceutical product designed to be prescribed by a licensed health care professional. Should any person while using this product observe any adverse health effects, they should seek medical treatment.
<b>Precautionary statement</b>	
<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	Wash hands after handling.
<b>Storage</b>	Store away from incompatible materials. Store at 20 – 25 °C (68 - 77°F).
<b>Disposal</b>	Incineration of waste at an approved USEPA incinerator is recommended.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.

## 3. Composition/information on ingredients

<b>Substances</b>			
<b>Chemical name</b>	<b>Common name and synonyms</b>	<b>CAS number</b>	<b>%</b>
PredniSone		53-03-2	1mg - 50mg

<b>Composition comments</b>	Refer to Physician's Desk Reference for common components present at <1%
-----------------------------	--

## 4. First-aid measures

<b>Inhalation</b>	Get medical attention if symptoms occur.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.

<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur. If ingestion of a large amount does occur, call a poison control center immediately.
<b>Most important symptoms/effects, acute and delayed</b>	The following side effects have been reported with corticosteroids: Anaphylactoid or hypersensitivity reactions, cardiovascular, endocrine, and gastrointestinal systems reactions.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Use water spray to cool unopened containers.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Wear appropriate personal protective equipment (See Section 8).
<b>Methods and materials for containment and cleaning up</b>	Sweep up and place into a proper container for disposal. Minimize dust generation and accumulation. Collect dust using a vacuum cleaner equipped with HEPA filter. Following product recovery, flush area with water. Incineration of waste at an approved USEPA incinerator is recommended.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling.
<b>Conditions for safe storage, including any incompatibilities</b>	Store at 25°C (77°F); excursions permitted to 15 - 30 °C (59 - 86 °F). Keep container tightly closed. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	Ventilation should be matched to conditions.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	None required for consumer use. In laboratory, medical or industrial settings, safety glasses with side shields are recommended. The use of goggles or full face protection may be required depending on the industrial exposure setting. Contact a health and safety professional for specific information.
<b>Skin protection</b>	
<b>Hand protection</b>	For consumer use, no unusual precautions are necessary.
<b>Other</b>	None required for consumer use. In laboratory, medical or industrial settings, gloves and lab coats are recommended. The use of additional personal protective equipment such as shoe coverings, gauntlets, hood or head coverings may be necessary. Contact a health and safety professional for specific information.

<b>Respiratory protection</b>	None required for consumer use. Respirators may be required for certain laboratory and manufacturing tasks if engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (where exposure limits have not been established). Workplace risk assessments should be completed before specifying and implementing respirator usage. All respirators must conform to specifications for efficiency and performance. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 29 CFR 1910.134. Respirator type: Air-purifying respirator with an appropriate, air-purifying filter, cartridge or canister. Contact a health and safety professional or manufacturer for specific information.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	Solid.
<b>Form</b>	Tablet.
<b>Color</b>	White.
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.

### Upper/lower flammability or explosive limits

<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.

<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Slightly soluble
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Contact with incompatible materials. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Not expected to be hazardous in final pharmaceutical form. Mechanical processing may generate dust. Inhalation of dusts may cause respiratory irritation.
<b>Skin contact</b>	Not expected to be hazardous in final pharmaceutical form. Mechanical processing may generate dust. Dust or powder may irritate the skin.
<b>Eye contact</b>	Not expected to be hazardous in final pharmaceutical form. Mechanical processing may generate dust. Dust may irritate the eyes.
<b>Ingestion</b>	Ingestion may cause irritation and malaise. Anaphylactoid or hypersensitivity reactions may occur.

### Symptoms related to the physical, chemical and toxicological characteristics

The following side effects have been reported with corticosteroids: Anaphylactoid or hypersensitivity reactions, cardiovascular, endocrine, and gastrointestinal systems reactions.

### Information on toxicological effects

<b>Acute toxicity</b>	May be harmful if swallowed in large quantities.
<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation.
<b>Serious eye damage/eye irritation</b>	Dust may irritate the eyes.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.
<b>Skin sensitization</b>	Anaphylactoid or hypersensitivity reactions may occur.
<b>Germ cell mutagenicity</b>	This product is not expected to be mutagenic.
<b>Carcinogenicity</b>	Long-term studies in animals have not been conducted to evaluate carcinogenic potential

### IARC Monographs. Overall Evaluation of Carcinogenicity

PredniSone (CAS 53-03-2)

3 Not classifiable as to carcinogenicity to humans.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

<b>Reproductive toxicity</b>	Pregnancy Category C: There are no adequate and well-controlled studies in pregnant women. Drug is present in breast milk. A decision should be made whether to discontinue the drug, taking into account the importance of the drug to the mother.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Due to the physical form of the product it is not an aspiration hazard.
<b>Further information</b>	See package insert.

## 12. Ecological information

<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous.
<b>Persistence and degradability</b>	No data is available on the degradability of this product.
<b>Bioaccumulative potential</b>	No data available.
<b>Mobility in soil</b>	Product components are soluble in water and will slowly dissolve and disperse.
<b>Other adverse effects</b>	None.

## 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.



## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## 15. Regulatory information

### US federal regulations

This material is not listed on the US TSCA Inventory. Therefore, it can only be used for TSCA exempt purposes such as R&D or drug use.

Over-the-counter drugs in their solid final form (i.e. tablets or pills) are considered exempt under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, in an industrial setting where a component's occupational exposure limits may be surpassed, they can be considered hazardous.

OSHA GHS: GHS symbols in consumer packaged form are not required per OSHA 29 CFR 1910.1200(b)(5) and OSHA 29 CFR 1910.1200(b)(5)(iii).

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### Hazard categories

Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

### SARA 302 Extremely hazardous substance

Not listed.

### SARA 311/312 Hazardous chemical

No

### SARA 313 (TRI reporting)

Not regulated.

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

#### Safe Drinking Water Act (SDWA)

Not regulated.

### US state regulations

#### US. Massachusetts RTK - Substance List

Not regulated.

#### US. New Jersey Worker and Community Right-to-Know Act

Not listed.

#### US. Pennsylvania Worker and Community Right-to-Know Law

PredniSone (CAS 53-03-2)

#### US. Rhode Island RTK

Not regulated.

## US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

Issue date	25-April-2015
Revision date	-
Version #	01
References	1) PredniSone Tablets USP, 1mg, 2.5mg, 5mg, 10mg, 20mg, 50mg, Package Insert, West-Ward Pharmaceuticals Corporation, Columbus, Ohio 2) PDR – Physicians Desk Reference. 3) Ariel Webinsight. Regulatory and ChemExpert Database.

### Disclaimer

West-Ward Pharmaceuticals Corporation cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.