

SAFETY DATA SHEET

1. Identification

Product identifier	Prednisone Tablets	
Other means of identification		
Catalog number	1559505	
Recommended use	Specified quality tests and assay use only.	
Recommended restrictions	Not for use as a drug. Not for administration to humans or animals.	
Manufacturer/Importer/Supplier/	Distributor information	
Manufacturer		
Company name	U. S. Pharmacopeia	
Address	12601 Twinbrook Parkway	
	Rockville	
	MD	
	20852-1790	
	United States	
Telephone	RS Technical Services	301-816-8129
Website	www.usp.org	
E-mail	RSTECH@usp.org	
Emergency phone number	CHEMTREC within US & Canada	1-800-424-9300
	CHEMTREC outside US &	+1 703-527-3887

2. Hazard(s) identification

Physical hazards	Not classified.	
Health hazards	Serious eye damage/eye irritation	Category 2B
	Reproductive toxicity	Category 2
	Specific target organ toxicity, repeated exposure	Category 1 (endocrine system)
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	

Label elements



Canada

Signal word	Danger
Hazard statement	Causes eye irritation. Suspected of damaging fertility or the unborn child. Causes damage to organs (endocrine system) through prolonged or repeated exposure.
Precautionary statement	
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If exposed or concerned: Get medical advice/attention.
Storage	Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/information on ingredients

Mixture

Chemical name	Common name and synonyms	CAS number	%
Microcrystalline Cellulose		9004-34-6	<55
Dibasic Calcium Phosphate		7757-93-9	<45
Prednisone	1-Dehydrocortisone	53-03-2	<5
Magnesium Stearate		557-04-0	<2
Sodium Starch Glycolate		9063-38-1	<2
Stearic Acid		57-11-4	<2

4. First-aid measures

Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Skin contact	Rinse skin with water/shower. Get medical attention if irritation develops or persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists. If eye irritation persists: Get medical advice/attention.
Ingestion	Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
Most important symptoms/effects, acute and delayed	Irritation of eyes and mucous membranes.
Indication of immediate medical attention and special treatment needed	Treatment of overdose should be symptomatic and supportive. Acute toxicity following overdose is uncommon. Gastrointestinal decontamination is generally not necessary. (Poisindex)
General information	Remove from exposure. Remove contaminated clothing. For treatment advice, seek guidance from an occupational health physician or other licensed health-care provider familiar with workplace chemical exposures. In the United States, the national poison control center phone number is 1-800-222-1222. If person is not breathing, give artificial respiration. If breathing is difficult, give oxygen if available. Persons developing serious hypersensitivity (anaphylactic) reactions must receive immediate medical attention.

5. Fire-fighting measures

Suitable extinguishing media	Water spray, dry chemical, carbon dioxide, or foam as appropriate for surrounding fire and materials.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	No unusual fire or explosion hazards noted.
Special protective equipment and precautions for firefighters	Wear suitable protective equipment.
Fire fighting equipment/instructions	As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing.
Specific methods	Cool containers exposed to flames with water until well after the fire is out.
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6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of dust from the spilled material. Ensure adequate ventilation. Wear appropriate personal protective equipment.
Methods and materials for containment and cleaning up	Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid the generation of dusts during clean-up. For waste disposal, see section 13 of the SDS. Wash spill site.
Environmental precautions	Prevent further leakage or spillage if safe to do so. No special environmental precautions required.
7. Handling and storage	
Precautions for safe handling	As a general rule, when handling USP Reference Standards, avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Clean equipment and work surfaces with suitable detergent or solvent after use. After removing gloves, wash hands and other exposed skin thoroughly.
Conditions for safe storage, including any incompatibilities	Store in tight container as defined in the USP-NF. This material should be handled and stored per label instructions to ensure product integrity.

8. Exposure controls/personal protection

Occupational exposure limits

~ (20 CED 4040 40

	Туре	000) Value	Form
Microcrystalline Cellulose (CAS 9004-34-6)	PEL	5 mg/m3	Respirable fraction.
х ,		15 mg/m3	Total dust.
US. ACGIH Threshold Limit			
Components	Туре	Value	
Magnesium Stearate (CAS 557-04-0)	TWA	10 mg/m3	
Microcrystalline Cellulose (CAS 9004-34-6)	TWA	10 mg/m3	
Stearic Acid (CAS 57-11-4)	TWA	10 mg/m3	
US. NIOSH: Pocket Guide to			
Components	Туре	Value	Form
Microcrystalline Cellulose (CAS 9004-34-6)	REL	5 mg/m3	Respirable.
		10 mg/m3	Total
posure limit values			
Industrial Use	_		
Components	Туре	Value	
Prednisone (CAS 53-03-2)	STEL	40 micrograms	
	TWA	5 micrograms/i	m3
ological limit values	No biological exposure limits noted for Airborne exposure should be controll	• • • •	
	dispersion into the work area. An ind		nt at its source, preventing
	dispersion into the work area. An ind determine the effectiveness of engine for use with highly potent materials s Avoid any open handling of this mate dust-generating or aerosol-generatin glovebox, or other effective containm	ustrial hygiene survey involvin eering controls. Effectiveness hould be assessed by use of r rial, particularly for grinding, c g procedures. Use a laborator	g air monitoring may be used of engineering controls intend nontoxic surrogate materials. rushing, weighing, or other
dividual protection measures	determine the effectiveness of engine for use with highly potent materials s Avoid any open handling of this mate dust-generating or aerosol-generatin glovebox, or other effective containm	ustrial hygiene survey involvin eering controls. Effectiveness hould be assessed by use of r rial, particularly for grinding, c g procedures. Use a laborator ent.	g air monitoring may be used of engineering controls intend nontoxic surrogate materials. rushing, weighing, or other
dividual protection measures, Eye/face protection	determine the effectiveness of engine for use with highly potent materials s Avoid any open handling of this mater dust-generating or aerosol-generatin	ustrial hygiene survey involvin eering controls. Effectiveness hould be assessed by use of r rial, particularly for grinding, c g procedures. Use a laborator ent. ent ecommended. Face shields or materials are present. Approv	g air monitoring may be used of engineering controls intend nontoxic surrogate materials. rushing, weighing, or other y fume hood, vented enclosu goggles may be required if ed eye protection (e.g., beari
-	determine the effectiveness of engine for use with highly potent materials s Avoid any open handling of this materials dust-generating or aerosol-generating glovebox, or other effective containment such as personal protective equipment Safety glasses with sideshields are re- splash potential exists or if corrosive	ustrial hygiene survey involvin eering controls. Effectiveness hould be assessed by use of r rial, particularly for grinding, c g procedures. Use a laborator ent. ent ecommended. Face shields or materials are present. Approv	g air monitoring may be used of engineering controls intend nontoxic surrogate materials. rushing, weighing, or other y fume hood, vented enclosu goggles may be required if ed eye protection (e.g., beari
Eye/face protection	determine the effectiveness of engine for use with highly potent materials s Avoid any open handling of this materials dust-generating or aerosol-generating glovebox, or other effective containment such as personal protective equipment Safety glasses with sideshields are re- splash potential exists or if corrosive	ustrial hygiene survey involvin eering controls. Effectiveness hould be assessed by use of r g procedures. Use a laborator ent. ecommended. Face shields or materials are present. Approv grred. Maintain eyewash faciliti andling solutions, ensure that fa handling practices that minimize ral rubber (latex) should use n s should be avoided due to the ce the risk of contamination of byes after handling and cleanu	g air monitoring may be used of engineering controls intend nontoxic surrogate materials. rushing, weighing, or other y fume hood, vented enclosu goggles may be required if ed eye protection (e.g., beari es in the work area. the glove material is protective ze direct hand contact. hitrile or other synthetic nonlar e risk of latex allergy. This iskin and surfaces, wear two up of the material, and remove
Eye/face protection Skin protection	determine the effectiveness of engine for use with highly potent materials s Avoid any open handling of this materials dust-generating or aerosol-generatin glovebox, or other effective container such as personal protective equipm Safety glasses with sideshields are re- splash potential exists or if corrosive the ANSI Z87 or CSA stamp) is prefer Chemically compatible gloves. For ha against the solvent being used. Use Employees who are sensitive to natur gloves. Use of powdered latex gloves material is extremely potent. To redur pairs of gloves. Remove the outer gloves.	ustrial hygiene survey involvin eering controls. Effectiveness hould be assessed by use of r grial, particularly for grinding, c g procedures. Use a laborator ent. eent ecommended. Face shields or materials are present. Approverred. Maintain eyewash faciliti andling solutions, ensure that the nandling practices that minimized ral rubber (latex) should use n is should be avoided due to the ce the risk of contamination of poves after handling and cleanu other personal protective equip ntities, a cloth lab coat is recon	g air monitoring may be used of engineering controls intend ontoxic surrogate materials. rushing, weighing, or other y fume hood, vented enclosu goggles may be required if ed eye protection (e.g., beari es in the work area. the glove material is protective ze direct hand contact. itrile or other synthetic nonlais e risk of latex allergy. This skin and surfaces, wear two up of the material, and remove oment. nmended. Where significant
Eye/face protection Skin protection Hand protection	determine the effectiveness of engine for use with highly potent materials s Avoid any open handling of this materials dust-generating or aerosol-generating glovebox, or other effective container such as personal protective equipm Safety glasses with sideshields are re- splash potential exists or if corrosive the ANSI Z87 or CSA stamp) is prefer Chemically compatible gloves. For ha against the solvent being used. Use Employees who are sensitive to nature gloves. Use of powdered latex gloves material is extremely potent. To redure pairs of gloves. Remove the outer glove the inner gloves only after removing For handling of laboratory scale quar	ustrial hygiene survey involvin eering controls. Effectiveness hould be assessed by use of r grial, particularly for grinding, c g procedures. Use a laborator ent. eent ecommended. Face shields or materials are present. Approv rred. Maintain eyewash faciliti andling solutions, ensure that the handling practices that minimize ral rubber (latex) should use n is should be avoided due to the ce the risk of contamination of oves after handling and cleanu other personal protective equip nities, a cloth lab coat is recon may be necessary to prevent sary to reduce or control occu on and have an effective respi	g air monitoring may be used of engineering controls intend nontoxic surrogate materials. rushing, weighing, or other y fume hood, vented enclosu goggles may be required if ed eye protection (e.g., beari es in the work area. the glove material is protectiv ze direct hand contact. itrile or other synthetic nonlat e risk of latex allergy. This skin and surfaces, wear two up of the material, and remove oment. nmended. Where significant take-home contamination. upational exposures, use
Eye/face protection Skin protection Hand protection Other	determine the effectiveness of engine for use with highly potent materials s Avoid any open handling of this materials dust-generating or aerosol-generatin glovebox, or other effective containm such as personal protective equipm Safety glasses with sideshields are re- splash potential exists or if corrosive the ANSI Z87 or CSA stamp) is prefer Chemically compatible gloves. For ha against the solvent being used. Use Employees who are sensitive to natur gloves. Use of powdered latex gloves material is extremely potent. To redur pairs of gloves. Remove the outer glove the inner gloves only after removing For handling of laboratory scale quar quantities are handled, work clothing Where respirators are deemed neces NIOSH-approved respiratory protecti	ustrial hygiene survey involvin eering controls. Effectiveness hould be assessed by use of r grial, particularly for grinding, c g procedures. Use a laborator ent. eent ecommended. Face shields or materials are present. Approv rred. Maintain eyewash faciliti andling solutions, ensure that the handling practices that minimize ral rubber (latex) should use n is should be avoided due to the ce the risk of contamination of oves after handling and cleanu other personal protective equip nities, a cloth lab coat is recon may be necessary to prevent sary to reduce or control occu on and have an effective respi	g air monitoring may be used of engineering controls intend nontoxic surrogate materials. rushing, weighing, or other y fume hood, vented enclosu goggles may be required if ed eye protection (e.g., bearing es in the work area. the glove material is protective ze direct hand contact. itrile or other synthetic nonla e risk of latex allergy. This skin and surfaces, wear two up of the material, and remove coment. nmended. Where significant take-home contamination. upational exposures, use

9. Physical and chemical properties

Appearance	
Physical state	Solid.
Form	Tablet.
Color	White.
Odor	Odorless.
Odor threshold	Not available.

рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
10. Stability and reactivity	
Reactivity	Not available.
Chemical stability	Material is stable under normal conditions.

s. Iron salts.
under fire

11. Toxicological information

Information on likely routes of exposure

Inhalation	Due to lack of data the classification is not possible.	
Skin contact Due to lack of data the classification is not possible.		
Eye contact	Causes eye irritation.	
Ingestion	Due to lack of data the classification is not possible.	
Symptoms related to the physical, chemical, and toxicological characteristics	 Mineralocorticoid effects: Swelling. Confusion. Lightheadedness. Nausea. Vomiting. Numbness. Tremors. Glucocorticoid effects: Bone fractures. Back pain. Joint pain or stiffness. Weakness. Increased appetite. Infection. Delayed wound healing. Thinning skin. Bruising. Purple lines on skin. Increased hair growth. Acne. Redistribution of body fat. Menstrual irregularities. Impotence. Headache. Increased sweating. Eye pain. Change in vision. Mental or behavioral changes. Withdrawal effects: Fever. Muscle pain. Joint pain. Malaise. 	

Information on toxicological effects

Acute toxicity Due to lack of data the classification is not possible.

Components	Species	Test Results
Dibasic Calcium Phosphat	te (CAS 7757-93-9)	
Acute		
Dermal		
LD50	Rabbit	> 7940 mg/kg
		> 2000 mg/kg, 24 Hours
		> 2000 mg/kg, 72 Hours

Components	Species	Test Results
Inhalation		
Dust		
LC50	Rat	> 2.6 mg/l, 4 Hours
Oral		
LD50	Rat	> 10000 mg/kg
		> 2000 mg/kg
		7940 ml/kg
Magnesium Stearate (CAS 557	-04-0)	
Acute		
Inhalation		
LC50	Rat	> 2 mg/l
Oral	_	
LC50	Rat	> 10000 mg/kg
Microcrystalline Cellulose (CAS	9004-34-6)	
<u>Acute</u>		
Dermal LD50	Rabbit	> 2 g/kg
	Rabbit	~ z yrky
Inhalation LC50	Rat	> 5.05 mg/l, 4 hours
Oral	i vai	2 0.00 mg/l, 4 hours
LD50	Rat	> 5 g/kg
Prednisone (CAS 53-03-2)		
<u>Acute</u>		
Other		
LD50	Mouse	101 mg/kg (subcutaneous)
Stearic Acid (CAS 57-11-4)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg
Oral		
LD50	Rat	4.6 g/kg
Other		
LD50	Mouse	23 mg/kg (Intravenous)
	Rat	21.5 mg/kg (Intravenous)
Skin corrosion/irritation	Due to lack of data the cla	ssification is not possible.
Serious eye damage/eye	Causes eye irritation.	
irritation		
Local effects Magnesium Stearate		Dermal corrosion study
magneolarn otoarato		Result: Non-irritant.
Stearic Acid		Species: Rabbit
Steand Adu		Draize Result: Transient mild erythema; not irritating
		Species: Rabbit
Dibasic Calcium Phosphate	e	Organ: Eye Irritancy test
	-	Result: Mild
		Species: Rabbit Organ: Eye
		Irritancy test
		Result: Non-irritant
		Species: Rabbit Organ: Skin
Microcrystalline Cellulose		Irritancy test
		Result: Non-irritating; Primary Irritation Index = 0 Species: Rabbit
		Organ: Skin

Local effects		
Microcrystalline Cellulose		Irritancy tests Result: Minimally irritating; non-irritating Species: Rabbit
Magnesium Stearate		Organ: Eye Irritant study Result: Non-irritant. Species: Rabbit
Stearic Acid		Organ: Eye. Patch test - intact and abraded skin Result: Non-irritant Species: Rabbit Organ: Skin Test Duration: 24 hours Observation Period: 72 hours
		Standard Draize Result: Mild Species: Human Organ: Skin Test Duration: 3 day Standard Draize Result: Moderate Species: Rabbit Organ: Skin Test Duration: 24 hours
Respiratory or skin sensitization		
Respiratory sensitization	Due to lack of data the classific	ation is not possible
Skin sensitization	Due to lack of data the classific	•
		-
Stearic Acid		7 % Sensitization test Result: Negative Species: Human Organ: Skin
Microcrystalline Cellulose		Sensitization test Result: Non-sensitizing Species: Guinea pig Organ: Skin
Germ cell mutagenicity	Due to lack of data the classification is not possible.	
Mutagenicity		
Stearic Acid		Ames test in Salmonella typhimurium Result: Negative
Prednisone		Ames test in Salmonella, with and without activation Result: Negative
Microcrystalline Cellulose		Forward mutation in mouse lymphoma cells, with and without activation. Result: Negative
		In vitro unscheduled DNA synthesis in rat liver cells Result: Negative
Prednisone		In vivo chromosome aberration studies in rat bone marrow Result: Negative In vivo human studies Result: Negative; no chromosome damage to peripheral
Microcrystalline Cellulose		lymphocytes. In vivo micronucleus assay in mouse bone-marrow erythrocytes Result: Negative
Stearic Acid		Induction of mitotic crossovers and aneuploidy in Saccharomyces cerevisiae Result: Negative
Prednisone		Mouse lymphoma studies, without activation Result: Negative
Microcrystalline Cellulose		Reverse mutation in S.typhimurium and E.coli, with and without activation. Result: Negative
Carcinogenicity	Based on available data, the cla This product is not considered to	assification criteria are not met. to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Stearic Acid	- -	0.3 % Long-term dietary study Result: Negative Species: Rat Test Duration: 209 days

Carcinogenicity		
Prednisone	5 mg/kg/day Long-term carcinogenicity study Result: Negative Species: Mouse	
Stearic Acid	50 g/kg Feeding study Result: Non-carcinogenic Species: Mouse	
Magnesium Stearate	Implanted mouse bladders Result: Not carcinogenic.	
Microcrystalline Cellulose	Long-term carcinogenicity study, implanted in female rats. Result: Not carcinogenic Species: Rat Test Duration: 741 days Long-term feeding study, 30 % in diet Result: Not carcinogenic Species: Rat Test Duration: 72 weeks	
IARC Monographs, Overall I	valuation of Carcinogenicity	
Prednisone (CAS 53-03-2		
Not regulated.	gram (NTP) Report on Carcinogens	
Reproductive toxicity	Suspected of damaging fertility or the unborn child. Most studies have concluded that therapeutic use of corticosteroids by pregnant women does r cause adverse effects on the fetus. A small increase in the incidence of cleft palate was seen in some human studies. Infants born to mothers who received substantial doses of corticosteroids during pregnancy should be observed for signs of hypoadrenalism.	n
Reproductivity		
Prednisone	10 mg/day Epidemiological study Result: Statistically significant decrease in birth weights of term infants. Species: Human	
Microcrystalline Cellulose	4.6 mg/kg/day Reproductivity and development study, administered in diet. Result: No adverse effects on the offspring Species: Rat Reproductivity and development study, 30% in diet, administered during gestation. Result: Not teratogenic Species: Mouse	
Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.	
Specific target organ toxicity - repeated exposure	Causes damage to organs (endocrine system) through prolonged or repeated exposure.	
Aspiration hazard	Based on available data, the classification criteria are not met.	

12. Ecological information

Ecotoxicity

Components		Species	Test Results
Dibasic Calcium Phos	phate (CAS 7757-9	3-9)	
Aquatic			
Acute			
Crustacea	EC50	Daphnia magna	> 1000 mg/l
Prednisone (CAS 53-0)3-2)		
Aquatic			
Acute			
Algae	IC50	Algae	31 mg/l, 72 hours
Stearic Acid (CAS 57-	11-4)		
Acute			
Other	EC50	Pseudomonas putida	> 100 mg/l, 16 hours
Aquatic			
Acute			
Fish	LC50	Carp (Cyprinus carpio)	> 1000 mg/l, 48 hours

Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	Not available.
Bioaccumulative potential Octanol/water partition	coefficient log Kow
Prednisone	1.46
Stearic Acid	8.23
Mobility in soil	Not available.
Other adverse effects	Not available.

Other adverse effects

13. Disposal considerations

Disposal instructions	This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.
Hazardous waste code	Not regulated.
Waste from residues / unused products	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).
Contaminated packaging	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.

Transport in bulk according to Not available. Annex II of MARPOL 73/78 and

the IBC Code

15. Regulatory information

US federal regulations

One or more components are not listed on TSCA.

CERCLA/SARA Hazardous Substances - Not applicable.

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Hazard categories

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

SARA 302 Extremely hazardous substance Not listed.

SARA 311/312 Hazardous No chemical

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 Not regulated. (SDWA)

US state regulations

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.

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100) Not listed.

US. Massachusetts RTK - Substance List Microcrystalline Cellulose (CAS 9004-34-6)

- US. New Jersey Worker and Community Right-to-Know Act Microcrystalline Cellulose (CAS 9004-34-6)
- US. Pennsylvania RTK Hazardous Substances Microcrystalline Cellulose (CAS 9004-34-6) Prednisone (CAS 53-03-2)
- US. Pennsylvania Worker and Community Right-to-Know Law Microcrystalline Cellulose (CAS 9004-34-6) Prednisone (CAS 53-03-2)
- US. Rhode Island RTK Not regulated.

US. California Proposition 65

Not Listed.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

*A "Yes" indicates that all components of this product comply 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	09-08-2010
Revision date	11-03-2016
Version #	03
Disclaimer	USP Reference Standards are sold for chemical test and assay purposes only, and NOT for human consumption. The information contained herein is applicable solely to the chemical substance when used as a USP Reference Standard and does not necessarily relate to any other use of the substance described, (i.e. at different concentrations, in drug dosage forms, or in bulk quantities). USP Reference Standards are intended for use by persons having technical skill and at their own discretion and risk. This information has been developed by USP staff from sources considered reliable but has not been independently verified by the USP. Therefore, the USP Convention cannot guarantee the accuracy of the information in these sources nor should the statements contained herein be considered an official expression. NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE is made with respect to the information contained herein.