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
- Website: www.usp.org
- E-mail: RSTECH@usp.org
- Telephone: RS Technical Services 301-816-8129

Emergency phone number:

- CHEMTREC within US & Canada: 1-800-424-9300
- CHEMTREC outside US & Canada: +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

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. Do not breathe dust. 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. Get medical advice/attention if you feel unwell.

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: Potent pharmacologically active material.
3. Composition/information on ingredients

Mixture

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microcrystalline Cellulose</td>
<td></td>
<td>9004-34-6</td>
<td>&lt;55</td>
</tr>
<tr>
<td>Dibasic Calcium Phosphate</td>
<td></td>
<td>7757-93-9</td>
<td>&lt;45</td>
</tr>
<tr>
<td>Prednisone</td>
<td>1-Dehydrocortisone</td>
<td>53-03-2</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Magnesium Stearate</td>
<td></td>
<td>557-04-0</td>
<td>&lt;2</td>
</tr>
<tr>
<td>Sodium Starch Glycolate</td>
<td></td>
<td>9063-38-1</td>
<td>&lt;2</td>
</tr>
<tr>
<td>Stearic Acid</td>
<td></td>
<td>57-11-4</td>
<td>0.32</td>
</tr>
</tbody>
</table>

Other components below reportable levels

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 and persists.

Eye contact
Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion
Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

Most important symptoms/effects, acute and delayed
Endocrine system effects. Potent pharmacologically active material. Occupational exposure to small amounts may cause physiological effects.

Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically. Treatment of corticosteroid overdose may include the following: Toxicity is low after acute ingestion. Gastrointestinal decontamination is generally not necessary. 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. Foam. Dry chemical or CO2. Use fire-extinguishing media appropriate for surrounding 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
Use water spray to cool unopened containers. As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing.

Specific methods
Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards
No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Keep unnecessary personnel away. Wear appropriate personal protective equipment. Avoid inhalation of dust from the spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up
For waste disposal, see section 13 of the SDS. Avoid the generation of dusts during clean-up. Sweep up or vacuum up spillage and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination.

Environmental precautions
Avoid discharge into drains, water courses or onto the ground.
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. Select and use containment devices and personal protective equipment based on a risk assessment of material potency and exposure potential.

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
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microcrystalline Cellulose (CAS 9004-34-6)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
</tbody>
</table>

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnesium Stearate (CAS 557-04-0)</td>
<td>TWA</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Microcrystalline Cellulose (CAS 9004-34-6)</td>
<td>TWA</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Stearic Acid (CAS 57-11-4)</td>
<td>TWA</td>
<td>10 mg/m³</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microcrystalline Cellulose (CAS 9004-34-6)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m³</td>
<td>Total</td>
</tr>
</tbody>
</table>

Exposure limit values

Industrial Use

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prednisone (CAS 53-03-2)</td>
<td>TWA</td>
<td>50 micrograms/m³</td>
</tr>
</tbody>
</table>

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

No open handling. For laboratory operations, use approved ventilation or containment system (biological safety cabinet, ventilated balance enclosure, glovebox). Control exposures to below the occupational exposure level (if available). Select and use containment devices and personal protective equipment based on a risk assessment of exposure potential. Cover all containers for solutions and slurries while being transferred.

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear safety glasses with side shields, chemical splash goggles, or full face shield, if necessary. Base the choice of protection on the job activity and potential for contact with eyes or face. An emergency eye wash station should be available.

Skin protection

Hand protection
Consider double gloves. Wear nitrile or other impervious gloves if skin contact is possible. When the material is dissolved or suspended in an organic solvent, wear gloves that provide protection against the solvent.

Other
Train employees in proper gowning and degowning practices. Wear disposable lab coat, disposable sleeve covers and two pair of gloves as appropriate for the task. Base the choice of skin protection on the job activity, potential for skin contact and solvents and reagents in use. Do not wear protective garments in common areas (e.g., cafeterias) or out-of-doors.

Respiratory protection
Use a powered air-purifying respirator (PAPR) with HEPA filters, disposable outerware and head cover for spill cleanup. Choose respiratory protection appropriate to the task and the level of existing engineering controls.

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations  
Pharmacological effects may be seen with occupational exposure. Handling practices in this SDS are recommendations for laboratory use of reference standards. Procedures for any other uses or quantities should be determined after an appropriate assessment.

9. Physical and chemical properties

**Appearance**  
Appearance descriptions are general information and not specific to any USP lot.

- **Physical state:** Solid.  
- **Form:** Tablet.  
- **Color:** White.  
- **Odor:** Odorless.  
- **Odor threshold:** Not available.  
- **pH:** 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 explosive 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**  
The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability**  
Material is stable under normal conditions.

**Possibility of hazardous reactions**

- No dangerous reaction known under conditions of normal use.
- Contact with incompatible materials.

**Conditions to avoid**

- Strong acids.  
- Strong oxidizing agents.  
- Amines.  
- Isocyanates.  
- Fluorine.  
- Strong bases.

**Incompatible materials**

- MgOx, POx, NaOx, CaOx.  
- Irritating and/or toxic fumes or gases.  
- Emits toxic fumes under fire conditions.

**Hazardous decomposition products**

- Corticosteroids: Fluid and electrolyte imbalance.  
- Adrenal suppression.  
- Immunosuppression.  
- Cushing's syndrome.  
- High blood pressure.  
- Gastrointestinal disturbances.  
- Headache.  
- Lightheadedness.  
- Weakness.  
- Visual disturbances.  
- Mood or mental status changes.  
- Infection.  
- Thinning skin.  
- Swelling.  
- Bruising.  
- Bone fractures.  
- Back pain.  
- Joint pain.  
- Tremors.  
- Menstrual irregularities.  
- Impotence.

11. Toxicological information

**Information on likely routes of exposure**

<table>
<thead>
<tr>
<th>Route</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Knowledge about health hazard is incomplete.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Knowledge about health hazard is incomplete.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>Causes eye irritation. Endocrine effects.</td>
</tr>
</tbody>
</table>
| Ingestion   | Based on information from therapeutic use, this material may cause:

### Information on toxicological effects

#### Acute toxicity

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dibasic Calcium Phosphate (CAS 7757-93-9)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
<td>&gt; 7940 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 2000 mg/kg, 24 Hours</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dust</td>
<td>Rat</td>
<td>&gt; 2.6 mg/l, 4 Hours</td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 10000 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td><strong>Magnesium Stearate (CAS 557-04-0)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td>Rat</td>
<td>&gt; 2 mg/l</td>
</tr>
<tr>
<td><strong>Microcrystalline Cellulose (CAS 9004-34-6)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
<td>&gt; 2 g/kg</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>&gt; 5.05 mg/l, 4 hours</td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 5 g/kg</td>
</tr>
<tr>
<td><strong>Stearic Acid (CAS 57-11-4)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>4.6 g/kg</td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
<td>&gt; 5000 mg/kg</td>
</tr>
</tbody>
</table>

### Local effects

- **Magnesium Stearate**
  - Eye irritation
  - Result: Negative.
  - Species: Rabbit
- **Microcrystalline Cellulose**
  - Eye irritation
  - Result: Negative.
  - Species: Rabbit
- **Stearic Acid**
  - Eye irritation
  - Result: Negative.
  - Species: Rabbit
- **Dibasic Calcium Phosphate**
  - Irritancy test
  - Result: Mild
  - Species: Rabbit
  - Organ: Eye
  - Irritancy test
  - Result: Non-irritant
  - Species: Rabbit
  - Organ: Skin

**Knowledge about health hazard is incomplete.**

**Skin corrosion/irritation**

Causes eye irritation.
Local effects

<table>
<thead>
<tr>
<th>Material</th>
<th>Effect</th>
<th>Result</th>
<th>Species</th>
<th>Test Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stearic Acid</td>
<td>Skin irritation</td>
<td>Mild</td>
<td>Human</td>
<td>3 day</td>
</tr>
<tr>
<td>Magnesium Stearate</td>
<td>Skin irritation</td>
<td>Negative</td>
<td>Rabbit</td>
<td>24 hours</td>
</tr>
<tr>
<td>Microcrystalline Cellulose</td>
<td>Skin irritation</td>
<td>Negative</td>
<td>Rabbit</td>
<td>24 hours</td>
</tr>
</tbody>
</table>

Respiratory or skin sensitization

| Effect                              | Knowledge about health hazard is incomplete. |

Respiratory sensitization

Skin sensitization

<table>
<thead>
<tr>
<th>Material</th>
<th>Effect</th>
<th>Result</th>
<th>Species</th>
<th>Test Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stearic Acid</td>
<td>Skin sensitization</td>
<td>Negative</td>
<td>Human</td>
<td>72 hours</td>
</tr>
<tr>
<td>Microcrystalline Cellulose</td>
<td>Skin sensitization</td>
<td>Negative</td>
<td>Guinea pig</td>
<td>72 hours</td>
</tr>
</tbody>
</table>

Germ cell mutagenicity

<table>
<thead>
<tr>
<th>Material</th>
<th>Effect</th>
<th>Result</th>
<th>Species</th>
<th>Test Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microcrystalline Cellulose</td>
<td>Ames test</td>
<td>Negative</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stearic Acid</td>
<td>Ames test</td>
<td>Negative</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prednisone</td>
<td>Ames test (Salmonella typhimurium)</td>
<td>Negative</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Microcrystalline Cellulose</td>
<td>Micronucleus test</td>
<td>Negative</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prednisone</td>
<td>Mouse lymphoma assay</td>
<td>Negative</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Microcrystalline Cellulose</td>
<td>Mouse lymphoma assay</td>
<td>Negative</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prednisone</td>
<td>Mutagenicity, In vivo chromosome aberration studies in rat bone marrow</td>
<td>Negative</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prednisone</td>
<td>Mutagenicity: Induction of crossovers and aneuploidy in S. cerevisiae.</td>
<td>Negative</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stearic Acid</td>
<td>Mutagenicity: Induction of crossovers and aneuploidy in S. cerevisiae.</td>
<td>Negative</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Microcrystalline Cellulose</td>
<td>Unscheduled DNA synthesis</td>
<td>Negative</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Carcinogenicity

<table>
<thead>
<tr>
<th>Material</th>
<th>Effect</th>
<th>Result</th>
<th>Species</th>
<th>Test Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stearic Acid</td>
<td>0.3 % Carcinogenicity</td>
<td>Negative</td>
<td>Rat</td>
<td>209 days</td>
</tr>
<tr>
<td>Microcrystalline Cellulose</td>
<td>30 % Oral feed study</td>
<td>Negative</td>
<td>Rat</td>
<td>72 weeks</td>
</tr>
<tr>
<td>Prednisone</td>
<td>5 mg/kg/day Carcinogenicity</td>
<td>Negative</td>
<td>Mouse</td>
<td></td>
</tr>
<tr>
<td>Stearic Acid</td>
<td>50 g/kg Oral feed study</td>
<td>Negative</td>
<td>Mouse</td>
<td></td>
</tr>
<tr>
<td>Magnesium Stearate</td>
<td>Carcinogenicity: Implanted mouse bladders</td>
<td>Negative</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Carcinogenicity
Microcrystalline Cellulose Carcinogenicity; subcutaneous implant
Result: Negative.
Species: Rat
Test Duration: 2 years

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 regulated.

US. National Toxicology Program (NTP) Report on Carcinogens
Not listed.

Reproductive toxicity
Suspected of damaging fertility or the unborn child.
Most studies have concluded that therapeutic use of corticosteroids by pregnant women does not 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.

Reproductivity
Prednisone 10 mg/day Epidemiological study, Statistically significant decrease in birth weights of term infants.
Result: Positive
Species: Human

Microcrystalline Cellulose 4.6 mg/kg/day Reproductivity / developmental Result: No adverse effects on the offspring observed.
Species: Rat

Specific target organ toxicity - single exposure
Knowledge about health hazard is incomplete.

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.

Further information
Potent pharmacologically active material. Occupational exposure to small amounts may cause physiological effects.

12. Ecological information

Ecotoxicity

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibasic Calcium Phosphate (CAS 7757-93-9)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Daphnia magna</td>
</tr>
<tr>
<td>Prednisone (CAS 53-03-2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Algae</td>
<td>IC50</td>
<td>Algae</td>
</tr>
<tr>
<td>Stearic Acid (CAS 57-11-4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>EC50</td>
<td>Pseudomonas putida</td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Carp (Cyprinus carpio)</td>
</tr>
</tbody>
</table>

Persistence and degradability
No data is available on the degradability of this product.

Bioaccumulative potential
Octanol/water partition coefficient log Kow
Prednisone 1.46

Mobility in soil
No data available.

Other adverse effects
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.
13. Disposal considerations

**Disposal instructions**
Dispose in accordance with all applicable regulations. 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.

**Local disposal regulations**
Dispose in accordance with all applicable regulations.

**Hazardous waste code**
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**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 Annex II of MARPOL 73/78 and the IBC Code**
Not applicable.

**General information**
It is the shipper's responsibility to determine the correct transport classification at the time of shipment.

15. Regulatory information

**US federal regulations**
One or more components are not listed on TSCA.

CERCLA/SARA Hazardous Substances - Not applicable.
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**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.

Not regulated.

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

**Hazard categories**
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 chemical**
Yes

**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.