



## DEXAMETHASONE SODIUM PHOSPHATE INJECTION, USP SAFETY DATA SHEET

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

#### Product Identifier

**Product name:** Dexamethasone Sodium Phosphate Injection, USP

#### Intended Use of the Product

**Use of the substance/mixture:** Pharmaceutical. Use only as directed. Refer to product insert for usage instructions and product information.

#### Name, Address, and Telephone of the Responsible Party

##### **Supplier:**

Mylan Institutional LLC.  
Rockford, IL 61103 USA  
+1 888-825-4199

[www.mylan.com](http://www.mylan.com)

##### **Manufacturer:**

Agila Specialties Pvt. Ltd.  
Bangalore, India

#### Emergency Telephone Number

Emergency number : +1 877-446-3679

### 2. HAZARDS IDENTIFICATION

**Patients/Consumers:** Please refer to the product information insert or product label for appropriate consumer-specific information about this product when used according to the physician's directions. Pharmaceutical Agent – Handling of this product in its final form presents minimal occupational exposure risk.

#### Classification Of The Substance Or Mixture

##### **Classification (GHS-US)**

Acute tox. (oral) 4 H302

Repro tox. 2 H361

##### **Label Elements**

GHS-US labeling



**Hazard pictograms (GHS-US)** :

**Signal word (GHS-US)** :

**Hazard Statements (GHS-US)** :

: Warning

: H302 – Harmful if swallowed

: H361 Suspected of damaging fertility or the unborn child

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### **Mixture**

Name	Product identifier	% (w/w)	Classification (GHS-US)
Dexamethasone Sodium Phosphate	(CAS No) 2392-39-4	0.4-1	Acute tox (oral) 4, H302 Repro tox 2, H361

Full text of H-phrases: see section 16

**Additional information:** Citric Acid and/or Sodium Hydroxide used for pH adjustment

### 4. FIRST AID MEASURES

#### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** The risk of inhalation exposure is negligible when product is in its final packaged form. If exposed and become symptomatic, move to fresh air and get medical attention if symptoms persist.

**Skin Contact:** Basic hygiene and appropriate precautions should prevent skin contact. If skin contact occurs, wash affected area with soap and water for at least 15 minutes. Should skin irritation, allergic reaction, or rash occur, remove contaminated clothing (if required) and seek medical advice.

**Eye Contact:** The risk of eye exposure is negligible when product is in its final packaged form. If eye contact occurs, flush immediately with water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

**Ingestion:** Ingestion is not an anticipated route of exposure. If accidental ingestion occurs, flush mouth out with water and get medical attention.

#### **Most Important Symptoms and Effects Both Acute and Delayed**

**General:** Refer to the package insert for more detailed information.

**Inhalation:** None expected under normal conditions of use.

**Skin Contact:** None expected under normal conditions of use.

**Eye Contact:** None expected under normal conditions of use.

**Ingestion:** Pharmaceutical. May be harmful if swallowed.

#### **Indication of Any Immediate Medical Attention and Special Treatment Needed**

If exposed or concerned, get medical advice and attention.

### **5. FIREFIGHTING MEASURES**

#### **Extinguishing Media**

**Suitable extinguishing media:** Not flammable. Use extinguishing media appropriate for surrounding fire.

**Unsuitable extinguishing media:** None known.

#### **Special Hazards Arising From the Substance or Mixture**

**Fire hazard:** Not flammable.

**Explosion hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

#### **Advice for Firefighters**

**Precautionary measures fire:** Exercise caution when fighting any chemical fire.

**Firefighting instructions:** Use water spray or fog for cooling exposed containers.

**Protection during firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>).

**Other information:** Refer to Section 9 for flammability properties.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Avoid all contact with skin, eyes, or clothing. Avoid generating dust.

#### **For Non-Emergency Personnel**

**Protective equipment:** Use appropriate personal protection equipment (PPE).

**Emergency procedures:** Evacuate unnecessary personnel.

#### **For Emergency Personnel**

**Protective equipment:** Equip cleanup crew with proper protection.

#### **Environmental Precautions**

Prevent entry to sewers and public waters.

#### **Methods and Material for Containment and Cleaning Up**

**Methods for cleaning up:** For small quantities associated with normal therapeutic use, collect spillage and transfer to a closed waste container for disposal. For large or bulk quantities, after absorption with inert material, collect spillage by sweeping up spilled material and place in a labeled, sealed container for proper disposal.

#### **Reference to Other Sections**

See heading 8, Exposure Controls and Personal Protection.

### **7. HANDLING AND STORAGE**

#### **Precautions for Safe Handling**

**Patients/Consumers:** Patients should adhere to the instructions provided within the product information insert or product label for appropriate consumer-specific information about this product when used according to the physician's directions.

**Hygiene measures:** This SDS is for a pharmaceutical agent - Handling of this product in its final form presents minimal occupational exposure risk. In an occupational setting, handle in accordance with good industrial hygiene and safety procedures. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Use appropriate personal protective equipment when handling and observe good personal hygiene measures after handling.

#### **Conditions for Safe Storage, Including Any Incompatibilities**

**Storage conditions:** Store in a dry, cool place. Keep container closed when not in use. Keep away from heat and direct sunlight.

**Special rules on packaging:** Examine the vial for particulate matter and discoloration prior to administration. If the solution is discolored or contains solid particles (precipitate), do not use.

#### **Specific End User(s)**

Pharmaceutical. Refer to product insert for usage instructions and product information.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Not available

### Exposure Controls

**Appropriate engineering controls:** Not generally required. Site-specific risk assessments should be conducted to determine the appropriate exposure control measures. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

**Personal protective equipment:** Not generally required. The use of personal protective equipment may be necessary as conditions warrant.

**Hand protection:** Wear protective gloves made from PVC, neoprene, nitrile, vinyl, or PVC/NBR.

**Eye protection:** In laboratory, medical or industrial settings, or operations in which airborne particulates will be generated, safety glasses with side shields are recommended.

**Skin and body protection:** In laboratory, medical or industrial settings, impervious disposable gloves and protective clothing are recommended if skin contact with drug product is possible.

**Respiratory protection:** When manufacturing or handling product in large quantities and dusts or particulates may be generated, maintain airborne concentrations below recommended limits. Workplace risk assessments should be completed before specifying and implementing respirator usage. NIOSH/MSHA approved respirators for protection should be used if respirators are found to be necessary.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: White or slightly yellow crystalline powder
Odor	: Not Available
Odor threshold	: Not Available
pH	: Not Available
Relative evaporation rate (butyl acetate=1)	: Not Available
Melting point	: Not Available
Freezing point	: Not Available
Boiling point	: Not Available
Flash point	: Not Available
Auto-ignition temperature	: Not Available
Decomposition temperature	: Not Available
Flammability (solid, gas)	: Not Available
Lower flammable limit	: Not Available
Upper flammable limit	: Not Available
Vapor pressure	: Not Available
Relative vapor density at 20 °C	: Not Available
Relative density	: Not Available
Specific gravity	: Not Available
Solubility	: Freely soluble in water
Log Pow	: Not Available
Log Kow	: Not Available
Viscosity, kinematic	: Not Available
Viscosity, dynamic	: Not Available
Explosion data	: Not Available
Explosion data – sensitivity to mechanical impact	: Not Available
Explosion data – sensitivity to static discharge	: Not Available

## 10. STABILITY AND REACTIVITY

**Reactivity** Hazardous reactions will not occur under normal conditions.

**Chemical Stability** Stable under normal conditions.

**Possibility of Hazardous Reactions** Hazardous polymerization will not occur.

**Conditions to Avoid** Direct sunlight. Extremely high or low temperatures. Avoid creating or spreading dust.

**Incompatible Materials** Strong oxidizers. Strong bases. Strong acids.

**Hazardous Decomposition Products** Carbon oxides (CO, CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects

**Acute toxicity:** Not classified

**LD50 and LC50 Data:** Not available

**Respiratory or skin sensitization:** May cause an allergic skin reaction.

**Germ cell mutagenicity:** Not classified

**Teratogenicity:** Not available

**Carcinogenicity:** Not classified

**Specific target organ toxicity (repeated exposure):** Not classified

**Reproductive toxicity:** Not classified

**Specific target organ toxicity (single exposure):** Not classified

**Aspiration hazard:** Not classified

**Information on Toxicological Effects – Ingredient(s)**

**LD50 and LC50 Data**

<b>Dexamethasone Sodium Phosphate (23932-3-4)</b>	
LD50 Oral Mouse	1800 mg/kg

**12. ECOLOGICAL INFORMATION**

**Toxicity**

<b>Dexamethasone Sodium Phosphate (23932-3-4)</b>	
LC50 Fish	> 100 mg/l, 96 hours

**Persistence and Degradability** Not available

**Bioaccumulative Potential** Not available

**3. DISPOSAL CONSIDERATIONS**

**Waste disposal recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations. Do not dispose of waste into sewer.

**Additional information:** Contaminated sharps should be discarded immediately or as soon as possible in containers that are closable, puncture-resistant, leak proof on sides and bottoms, and appropriately labeled. Contact your local health department for referral to a Safe Syringe Disposal Program.

**14. TRANSPORT INFORMATION**

**In Accordance With ICAO/IATA/DOT/TDG**

**UN Number** Not regulated for transport

**UN Proper Shipping Name** Not regulated for transport

**15. REGULATORY INFORMATION**

**US Federal Regulations** Not available

**US State Regulations** Not available

**Canadian Regulations**

<b>Dexamethasone Sodium Phosphate (23932-3-4)</b>	
WHMIS Classification	Class D Division 2 Subdivision A – Very toxic material causing other toxic effects



This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

**16. OTHER INFORMATION**

Revision date : 01/30/2014  
Data sources : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.  
Other information : This document has been prepared in accordance with standards for workplace safety. The precautionary statements and warnings included might not apply in all cases. Your needs may vary depending on the potential for exposure in your workplace

**Party Responsible For The Preparation Of This**

**Document:** Mylan Global Environmental, Health, and Safety

Department Phone Number: 304-599-2595

*This MSDS has been prepared for occupational exposure and intended to address some end-user concerns; however, patients/consumers are also strongly encouraged to review the product information insert or product label for consumer-specific information about this product. Patients/Consumers: Refer to the package insert or product label for appropriate consumer-specific information about this product when used according to manufacturer's directions.*

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for completeness of the information herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*