



SAFETY DATA SHEET

Section 1: Identification	
Material	Zinc Sulfate Injection, USP 10 mg/10 mL, 30 mg/10 mL, 25 mg/5 mL
Recommended use	Pharmaceutical use
Manufacturer	Aspiro Pharma Limited, Sy. No. 321, Biotech Park, Phase-III, Karkapatla Village, Markook Mandal, Telangana (S), Siddipet (Dist.)-502281, India.
Distributor	Camber Pharmaceuticals, Inc. , Piscataway, NJ 08854
Section 2: Hazard(s) Identification	
Hazardous	
Hazard Statement	Harmful if swallowed. Causes serious eye damage
Precautionary statements	Wear eye or face protection. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
If swallowed	Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.
If eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
Storage	Not applicable
Disposal	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Section 3: Composition/Information on Ingredients	
Ingredients	CAS
Zinc Sulphate Heptahydrate	7446-20-0
Sulfuric acid	7664-93-9
Water for Injection	7732-18-5
Nitrogen	7727-37-9



Section 4: First-Aid Measures

Eye Contact:	Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
Inhalation:	Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin Contact:	Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion:	Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.



Note to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	No specific treatment.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
Section 5: Fire-Fighting Measures	
Extinguishing Media:	
Suitable extinguishing	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing	None known
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Hazardous thermal decomposition products:	Decomposition products may include the following materials: sulfur oxides metal oxide/oxides
Special protective actions for fire-fighters:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training
Special protective equipment for fire-fighters:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Section 6: Accidental Release Measures	
For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe



	vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment
For emergency responders	Personnel involved in clean up should wear appropriate personal protective equipment (refer to section 8) to avoid exposure. See also the information in "For non-emergency personnel".
Environmental precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Section 7: Handling and Storage	
Protective measures	Put on appropriate personal protective equipment. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator.
Advice on general occupational hygiene	Handle in an environment with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory protection. Avoid inhalation, skin and eye contact. Wash hands thoroughly after handling.
Storage Conditions:	Store at 20°C to 25°C (68°F to 77°F), excursions permitted to 15° to 30°C (59° to 86°F) [see USP Controlled Room Temperature].
Section 8: Exposure Controls/Personal Protection	
Engineering Controls:	If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Environmental exposure Controls:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Personal Protective Equipment	
Skin:	Covering uniform
Respiratory protection:	Where respiratory protection has been deemed necessary use an approved air purifying respirator with appropriate cartridges. Contact your local safety professional for specific requirements



Hand:	Nitrile or other chemically compatible gloves		
Eye	Safety glasses		
Section 9: Physical and Chemical Properties			
Physical Form	Liquid.		
Description	<p>Zinc sulfate injection, USP is a clear, colorless solution supplied as:</p> <p>10 mg/10 mL (1 mg/mL) of zinc in a 10 mL Pharmacy Bulk Package vial. Carton of 25 vials 31722-453-31</p> <p>30 mg/10 mL (3 mg/mL) of zinc in a 10 mL Pharmacy Bulk Package vial Carton of 25 vials 31722-454-31</p> <p>25 mg/5 mL (5 mg/mL) of zinc in a 5 mL Pharmacy Bulk Package vial. Carton of 25 vials 31722-455-31</p>		
Section 10: Stability and Reactivity			
Reactivity	No specific test data related to reactivity available for this product or its ingredients.		
Chemical stability	The product is stable		
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.		
Conditions to avoid	Not available.		
Incompatible materials	No specific data.		
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.		
Section 11: Toxicological Information			
Acute toxicity			
Zinc Sulfate Injection	LD50 Dermal	Rat	>2000 mg/kg
	LD50 Oral	Rat	1260 mg/kg



Reproductive toxicity / Teratogenicity	Administration of the approved recommended dose of Zinc Sulfate Injection in parenteral nutrition is not expected to cause major birth defects, miscarriage, or adverse maternal or fetal outcomes
Information on the likely routes of exposure	Inhalation. Absorption (eye/skin). Ingestion.
Section 12: Ecological Information	
Toxicity	Not available.
Persistence and degradability	Not available.
Bioaccumulative potential	Not available.
Mobility in soil	
Soil/water partition coefficient (KOC)	Not available
Other adverse effects	No known significant effects or critical hazards
Section 13: Disposal Considerations	
Waste Disposal	Follow all appropriate safe work procedures and local regulations for disposal. Use only licensed disposal and waste hauling companies
Section 14: Transport Information	
UN number	
TDG Classification	Not regulated
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
DOT Classification	Not regulated
UN proper	-



shipping name: Transport hazard class(es): Packing group: Environmental hazards:	- - -
IATA UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards:	Not regulated - - - -
IMDG UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards:	Not regulated - - - -
Special precautions for user	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
Section 15: Regulatory Information	
California Prop. 65	This product does not require a Safe Harbor warning under California Prop. 65.
Other regulations	Not available.



Section 16: Other Information

Issue Date: 17-02-2026

Version: 00

Further information

Revision date: New issue

Revision note: New issue

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose.

Aspiro Pharma Private Limited shall not be held liable for any damage resulting from handling or from contact with the above product. Aspiro Pharma Private Limited reserves the right to revise this SDS.