



SAFETY DATA SHEET

Section 1: Identification	
Material	Thiamine HCl Injection USP 200 mg/2 mL (100 mg/mL)
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.,
Section 2: Hazard(s) Identification	
Hazard Pictogram(GHS US)	
Hazard statements (GHS US)	May cause an allergic skin reaction. May cause an allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of damaging fertility or the unborn child.
Precautionary statements (GHS US)	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. [In case of inadequate ventilation] wear respiratory protection.
If Skin on Test	Wash With Plenty Water
If Inhaled	If breathing is difficult, remove person to fresh air and keep comfortable for breathing
If exposed or concerned	Get medical advice/attention
If skin irritation or rash occurs	Get medical advice/attention
If experiencing respiratory symptoms	Call a poison center or doctor



Section 3: Composition/Information on Ingredients	
Ingredients	CAS
Thiamine hydrochloride	67-03-8
Chlorobutanol	57-15-8
Monothioglycerol	96-27-5
Sodium hydroxide	1310-73-2
Water for Injection	7732-18-5
Section 4: First-Aid Measures	
First-aid measures after inhalation	If not breathing, give artificial respiration
First-aid measures after skin contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse
First-aid measures after eye contact	In case of contact with eyes, rinse immediately with plenty of water. Seek immediate medical attention
First-aid measures after ingestion	Wash mouth with water. Do not induce vomiting unless directed by medical personnel. Seek immediate medical attention
Symptoms/effects after inhalation	May cause an allergy or asthma symptoms or breathing difficulties if inhaled
Symptoms/effects after skin contact	May cause an allergic skin reaction
Symptoms/effects after eye contact	May cause eye irritation
Symptoms/effects after ingestion	May be harmful if swallowed
Section 5: Fire-Fighting Measures	
Extinguishing media	
Suitable extinguishing media:	Use extinguishing media appropriate for surrounding fire
Unsuitable extinguishing media:	None.
Special hazards arising from the substance or mixture	
Fire hazard :	None known
Advice for firefighters	
Protection during firefighting:	Do not enter fire area without proper protective equipment, including respiratory protection
Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
General measures:	No special measures required



For non-emergency personnel	No additional information available	
Environmental precautions	Prevent entry to sewers and public waters	
Methods and material for containment and cleaning up		
For containment:	Stop the flow of material, if this is without risk	
Methods for cleaning up:	Recycle product or dispose safely	
Reference to other sections	No additional information available	
Section 7: Handling and Storage		
Precautions for safe handling	Do not eat, drink or smoke when using this product	
Conditions for safe storage, including any incompatibilities	Keep container tightly closed. Store at 20° to 25°C (68° to 77°F)	
Storage conditions:		
Section 8: Exposure Controls/Personal Protection		
Water (7732-18-5)	Not applicable	
Sodium hydroxide (1310-73-2)		
ACGIH	ACGIH OEL Ceiling	2 mg/m³
OSHA	OSHA PEL (TWA) [1]	2 mg/m³
IDLH	IDLH	10 mg/m³
NIOSH	NIOSH REL (Ceiling)	2 mg/m³
Thiamine hydrochloride (67-03-8)	Not applicable	
Thioglycerol (96-27-5)	Not applicable	
Chlorobutanol (57-15-8)	Not applicable	
Exposure controls		
Appropriate engineering controls:	Local exhaust and general ventilation must be adequate to meet exposure standards	
Hand protection:	Use suitable protective gloves to minimize skin contact	
	Wear safety glasses or goggles	
Eye protection:	Wear suitable working clothes	
Skin and body protection:	Wear NIOSH approved respirator if workplace exposure limits may be exceeded	
Respiratory protection:		
Section 9: Physical and Chemical Properties		
Physical state	Injection	
Appearance	Clear colorless solution	
Description	Thiamine Hydrochloride Injection, USP is a sterile, clear, colorless solution and is supplied as follows: 200 mg per 2 mL (100 mg per mL): 2 mL Multiple-Dose Vials in a Carton of 25 NDC 31722-363-32	



	Store at 20° to 25°C (68° to 77° F) [see USP Controlled Room Temperature].
Section 10: Stability and Reactivity	
Reactivity	No additional information available
Chemical stability	The product is stable at normal handling and storage conditions
Possibility of hazardous reactions	Will not occur
Conditions to avoid	Do not freeze
Incompatible materials	None known
Hazardous decomposition products	None known
Section 11: Toxicological Information	
Acute toxicity	Not classified
Water (7732-18-5) LD50 oral rat	> 90 ml/kg
Sodium hydroxide (1310-73-2) LD50 oral rat LD50 dermal rabbit ATE US (dermal)	140 – 340 mg/kg 1350 mg/kg 1350 mg/kg
Thioglycerol (96-27-5) ATE US (oral) ATE US (dermal)	500 mg/kg body weight 300 mg/kg body weight
Chlorobutanol (57-15-8) ATE US (oral)	500 mg/kg body weight
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Suspected of damaging fertility or the unborn child
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified
Section 12: Ecological Information	
Toxicity Sodium hydroxide (1310-73-2) LC50 - Fish [1]	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
Persistence and degradability	No additional information available



Bioaccumulative potential	No additional information available
Mobility in soil	No additional information available
Other adverse effects	No additional information available
Section 13: Disposal Considerations	
Waste treatment methods Product/Packaging disposal recommendations:	Dispose of contents/container in accordance with local/regional/national/international regulations
Section 14: Transport Information	
Department of Transportation (DOT) In accordance with DOT Not applicable	
Section 15: Regulatory Information	
US Federal regulations	
Water (7732-18-5) Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Sodium hydroxide (1310-73-2) Listed on the United States TSCA (Toxic Substances Control Act) inventory	
CERCLA RQ	1000lb
US State regulations	
Sodium hydroxide (1310-73-2) U.S. - Massachusetts - Right To Know List U.S. - Minnesota - Hazardous Substance List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List	
Section 16: Other Information	
Issue Date: 16-06-2025	
Version: 00	
Further information	
Revision date: New issue	
Revision note: New issue	
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