

Chlorpromazine Hydrochloride Injection

Safety Data Sheet

SECTION 1: Identification

1.1. Identification

Product name : Chlorpromazine Hydrochloride Injection
Other means of identification : 25 mg per mL: 1 mL ampule packaged in carton of 25 NDC 55150-318-25
50 mg per 2 mL (25 mg / mL): 2 mL ampule packaged in carton of 25 NDC 55150-319-25

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Pharmaceutical

1.3. Details of the supplier of the safety data sheet

AuroMedics
279 Princeton Highstown Road
East Windsor, NJ 08520

1.4. Emergency telephone number

Emergency number : 1-888-238-7880

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Eye Dam. 1 H318
Skin Sens. 1 H317
Lact. H362

Full text of hazard classes and H-statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



GHS05

GHS07

Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H362 - May cause harm to breast-fed children

Precautionary statements (GHS US) :

P201 - Obtain special instructions before use.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P263 - Avoid contact during pregnancy/while nursing.
P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - If on skin: Wash with plenty of water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P310 - Immediately call a poison center or doctor.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

Chlorpromazine Hydrochloride Injection

Safety Data Sheet

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Water	(CAS-No.) 7732-18-5	< 99	Not classified
10H-Phenothiazine-10-propanamine, 2-chloro-N,N-dimethyl-, monohydrochloride	(CAS-No.) 69-09-0	2.5	Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Dam. 1, H318 Skin Sens. 1, H317 Lact., H362
Sodium chloride	(CAS-No.) 7647-14-5	< 1	Not classified
L-Ascorbic acid	(CAS-No.) 50-81-7	< 1	Not classified
Sodium metabisulfite	(CAS-No.) 7681-57-4	< 1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Sodium sulfite	(CAS-No.) 7757-83-7	< 1	Acute Tox. 4 (Oral), H302

Full text of hazard classes and H-statements : see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove to fresh air and keep patient at rest. Seek medical attention immediately.
- First-aid measures after skin contact : Remove contaminated clothing. Flush area with large amounts of water. Use soap. Seek medical attention.
- First-aid measures after eye contact : Flush with water while holding eyelids open for at least 15 minutes. Seek medical attention immediately.
- First-aid measures after ingestion : Never give anything by mouth to an unconscious person. Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : None anticipated during normal product use.
- Symptoms/injuries after skin contact : May cause skin irritation an allergic skin reaction.
- Symptoms/injuries after eye contact : Causes serious eye damage.
- Symptoms/injuries after ingestion : May be harmful if swallowed.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : None known.

5.3. Advice for firefighters

- Protection during firefighting : During all fire fighting activities, wear appropriate protective equipment, including self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : No special measures required.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

Chlorpromazine Hydrochloride Injection

Safety Data Sheet

6.3. Methods and material for containment and cleaning up

- For containment : Stop the flow of material, if this is without risk.
Methods for cleaning up : Absorb spillage with suitable absorbent material. Place in a suitable container and dispose according to local, state and federal regulations.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Avoid prolonged and repeated contact. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store at 20° to 25°C (68° to 77°F).

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Water (7732-18-5)		
Not applicable		
Sodium chloride (7647-14-5)		
Not applicable		
L-Ascorbic acid (50-81-7)		
Not applicable		
Sodium metabisulfite (7681-57-4)		
ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³
NIOSH	NIOSH REL (TWA) (mg/m ³)	5 mg/m ³
Sodium sulfite (7757-83-7)		
Not applicable		
10H-Phenothiazine-10-propanamine, 2-chloro-N,N-dimethyl-, monohydrochloride (69-09-0)		
Not applicable		

8.2. Exposure controls

- Appropriate engineering controls : Local exhaust and general ventilation must be adequate to meet exposure standards.
Hand protection : No protection is ordinarily required under normal conditions of use.
Eye protection : Wear safety glasses or goggles.
Skin and body protection : Wear suitable working clothes.
Respiratory protection : No protection is ordinarily required under normal conditions of use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
Appearance : Clear
Color : Colorless to light yellow
Odor : odorless
Odor threshold : No data available
pH : 3.4 – 5.4
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : No data available
Relative evaporation rate (butyl acetate=1) : No data available
Flammability (solid, gas) : No data available

Chlorpromazine Hydrochloride Injection

Safety Data Sheet

Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

Air contact.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Water (7732-18-5)	
LD50 oral rat	> 90 ml/kg
Sodium chloride (7647-14-5)	
LD50 oral rat	3 g/kg
LC50 inhalation rat (mg/l)	> 42 g/m ³ (Exposure time: 1 h)
ATE US (oral)	3000000 mg/kg
L-Ascorbic acid (50-81-7)	
LD50 oral rat	11900 mg/kg
ATE US (oral)	11900 mg/kg
Sodium metabisulfite (7681-57-4)	
LD50 oral rat	1310 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE US (oral)	1131 mg/kg
Sodium sulfite (7757-83-7)	
LD50 oral rat	5680 mg/kg
LC50 inhalation rat (mg/l)	> 22 mg/l (Exposure time: 1 h)
ATE US (oral)	820 mg/kg body weight
10H-Phenothiazine-10-propanamine, 2-chloro-N,N-dimethyl-, monohydrochloride (69-09-0)	
LD50 oral rat	145 mg/kg

Chlorpromazine Hydrochloride Injection

Safety Data Sheet

10H-Phenothiazine-10-propanamine, 2-chloro-N,N-dimethyl-, monohydrochloride (69-09-0)

LC50 inhalation rat (mg/l)	40 mg/m ³ (Exposure time: 2 h)
ATE US (oral)	145 mg/kg body weight
ATE US (vapors)	0.04 mg/l/4h
ATE US (dust, mist)	0.04 mg/l/4h

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

Sodium metabisulfite (7681-57-4)

IARC group	3 - Not classifiable
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Sodium sulfite (7757-83-7)

IARC group	3 - Not classifiable
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Reproductive toxicity	: May cause harm to breast-fed children.
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Sodium chloride (7647-14-5)

LC50 fish 1	5560 – 6080 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])
EC50 Daphnia 1	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	12946 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 2	340.7 – 469.2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

Sodium metabisulfite (7681-57-4)

LC50 fish 1	32 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
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12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Sodium chloride (7647-14-5)

BCF fish 1	(no bioaccumulation)
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Sodium metabisulfite (7681-57-4)

Partition coefficient n-octanol/water (Log Pow)	-3.7 (at 25 °C)
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Sodium sulfite (7757-83-7)

Partition coefficient n-octanol/water (Log Pow)	-4 (at 25 °C)
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

Chlorpromazine Hydrochloride Injection

Safety Data Sheet

SECTION 13: Disposal considerations

13.1. 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

15.1. US Federal regulations

Water (7732-18-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Sodium chloride (7647-14-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

L-Ascorbic acid (50-81-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Sodium metabisulfite (7681-57-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Sodium sulfite (7757-83-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

10H-Phenothiazine-10-propanamine, 2-chloro-N,N-dimethyl-, monohydrochloride (69-09-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. US State regulations

Sodium metabisulfite (7681-57-4)

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

Full text of H-phrases:

Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Lact.	Reproductive toxicity (Lact.)
Skin Sens. 1	Skin sensitization, Category 1
H301	Toxic if swallowed
H302	Harmful if swallowed
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H332	Harmful if inhaled
H362	May cause harm to breast-fed children

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.