

Material Safety Data Sheet
Chlorpheniramine maleate MSDS

Section 1: Chemical Product and Company Identification	
Product Name: Chlorpheniramine maleate	Supplier Information:
Company Name: Chem Service	Subsidiary: Chem Service, Inc.
Address: 10000 W. 10th Ave.	City: Denver, CO 80202
Phone: (303) 425-1000	Country: USA
MSDS: 100000000	Revision: 01/2014
EMSD: TSCA MSDS Inventory (Chlorpheniramine maleate)	Other Name: Chlorpheniramine
Use: For research	Manufacturer: Ciba-Geigy (now Novartis), Basel, Switzerland
Supplier: Chem Service, Inc. 10000 W. 10th Ave. Denver, CO 80202	Emergency Contact: Chem Service, Inc. 10000 W. 10th Ave. Denver, CO 80202
Chemical Formula: C ₁₅ H ₁₂ ClN	For non-emergency assistance: Call 1 (800) 441-4400

Section 2: Composition and Information on Ingredients	
Composition:	
Name: Chlorpheniramine maleate	Concentration: 1% w/v
Other Ingredients:	
Technological Data on Ingredients: Chlorpheniramine maleate (USDA) Not available. (EPA) Not available. (OSHA) Not available.	

Section 3: Hazard Identification	
Physical and Health Effects:	
Physical Effects: Chlorpheniramine maleate is a white to off-white powder, odorless, and slightly soluble in water. It is stable under normal conditions.	
Health Effects: Chlorpheniramine maleate is a first-generation antihistamine. It may cause drowsiness, dry mouth, and blurred vision. It is contraindicated in patients with glaucoma, prostatic hypertrophy, and severe heart disease.	
Precautionary Statements: Avoid contact with eyes. Avoid contact with skin. Avoid contact with clothing. Avoid contact with food and drink. Avoid contact with children and pets.	
Signal Word: Irritant	
Hazard Statements: H314 Causes skin irritation. H335 May irritate the respiratory system.	
Precautionary Statements: P201+202 Handle with care. P273 Release into the environment should be avoided.	
Environmental Precautionary Statements: P273 Release into the environment should be avoided.	

Section 4: First Aid Measures	
Eye Contact:	
Inhalation:	
Ingestion:	
First Aid Measures:	

Section 5: Fire and Explosion Data	
Flammability of the Product: Not flammable.	
Flash Point: Not available.	
Auto-ignition Temperature: Not available.	
Explosion Limits: Not available.	
Precautionary Statements: P201+202 Handle with care. P273 Release into the environment should be avoided.	
Signal Word: Irritant	
Hazard Statements: H314 Causes skin irritation. H335 May irritate the respiratory system.	
Precautionary Statements: P201+202 Handle with care. P273 Release into the environment should be avoided.	

Section 6: Accidental Release Measures	
Small Spills:	
Large Spills:	
Personal Protective Equipment (PPE):	
Environmental Precautionary Statements:	
Signal Word: Irritant	
Hazard Statements: H314 Causes skin irritation. H335 May irritate the respiratory system.	
Precautionary Statements: P201+202 Handle with care. P273 Release into the environment should be avoided.	

Section 7: Handling and Storage	
Precautions:	
Storage:	
Handling:	
Personal Protective Equipment (PPE):	
Environmental Precautionary Statements:	
Signal Word: Irritant	
Hazard Statements: H314 Causes skin irritation. H335 May irritate the respiratory system.	
Precautionary Statements: P201+202 Handle with care. P273 Release into the environment should be avoided.	

Section 8: Exposure Controls/Personal Protection	
Engineering Controls:	
Personal Protection:	
Respiratory Protection:	
Eye Protection:	
Hand Protection:	
Foot Protection:	
Environmental Precautionary Statements:	
Signal Word: Irritant	
Hazard Statements: H314 Causes skin irritation. H335 May irritate the respiratory system.	
Precautionary Statements: P201+202 Handle with care. P273 Release into the environment should be avoided.	

Section 9: Physical and Chemical Properties	
Physical state and appearance: Solid	
Color: White to off-white	
Odor: Odorless	
Molecular Weight: 244.7 g/mol	
Boiling Point: 162.5 °C (324.5 °F)	
Melting Point: 102.5 °C (216.5 °F)	
Density: 1.21 g/cm ³	
Water Solubility: Soluble in water	
Stability: Stable in air	
Reactivity: Non-reactive	
Other Physical and Chemical Properties:	

Section 10: Stability and Reactivity Data	
Stability: Stable in air	
Incompatibility: Incompatible with strong oxidizers	
Reactivity: Non-reactive	
Other Stability and Reactivity Data:	

Section 11: Toxicological Information	
Routes of Entry: Inhalation, ingestion	
Toxicity: Irritant	
Other Toxicological Information:	

Section 12: Ecological Information	
Biodegradability: Biodegradable	
Other Ecological Information:	

Section 13: Disposal Considerations	
Disposal Method: Recycle	

Section 14: Transport Information	
DOT Classification: Not classified	
Other Transport Information:	

Section 15: Other Regulatory Information	
Other Regulatory Information:	
Other Information:	

Section 16: Other Information	
Other Information:	

Section 17: Other Information	
Other Information:	

Other Special Considerations: Not available.

Disclaimer: This MSDS is provided for informational purposes only. It is not intended to be used as a substitute for professional advice. The user should consult the product label and the manufacturer's website for the most up-to-date information. The user should also consult the appropriate regulatory agencies for the most up-to-date information. The user should also consult the appropriate regulatory agencies for the most up-to-date information.