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	<b>Safety Data Sheet according to Regulation (EC) No. 1907/2006</b>	
	Doc.No: RDS/SDS/728B	Supersedes No: RDS/MSDS/728A
	Page 1 of 7	
<b>Title: Chlorpheniramine maleate</b>		

## SECTION 1 - PRODUCT AND COMPANY INFORMATION

**PRODUCT NAME :** Chlorpheniramine maleate

**COMPANY :** Malladi Drugs & Pharmaceuticals Limited  
SKCL Tech Square, 7<sup>th</sup> Floor  
Plot No. South Phase 14, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai – 600 032 , Tamil Nadu, INDIA

**TELEPHONE NO. :** + 91 44 66876999

**FAX NO. :** + 91 44 66876998

## SECTION 2 - HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral

Acute toxicity, Inhalation

Acute toxicity, Dermal

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic by inhalation, in contact with skin and if swallowed.

Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



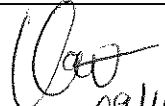


Signal word and skin.


Labelling according Regulation (EC) No 1272/2008 [CLP]

Hazard statement(s)

H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled

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 Date: 09/10/2020	 Date: 09/10/2020	 Date: 09/10/2020

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 MALLADI	<b>Malladi Drugs &amp; Pharmaceuticals Limited. R&amp;D Centre.</b>	
	<b>Safety Data Sheet according to Regulation (EC) No. 1907/2006</b>	
	Doc.No: RDS/SDS/728B	Supersedes No: RDS/MSDS/728A
	Page 2 of 7	
<b>Title: Chlorpheniramine maleate</b>		

Precautionary statement(s)

P261 Avoid breathing dust.

P280 Wear protective gloves/ protective clothing.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P311 Call a POISON CENTER or doctor/ physician.

### SECTION 3 - COMPOSITION AND INFORMATION ON INGREDIENTS

Product Name	: Chlorpheniramine maleate
CAS Number	: 113-92-8
Molecular Formula	: $C_{16}H_{19}ClN_2 \cdot C_4O_4$
Molecular Weight	: 390.86
Synonyms	: chlorphenamine maleate

### SECTION 4 - FIRST AID MEASURES

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration

Consult a physician.

#### In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

#### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Consult a physician.

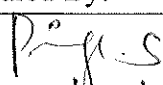

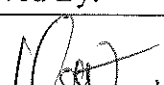
### SECTION 5 - FIRE AND EXPLOSION DATA

#### Suitable extinguishing media


Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

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	<b>Safety Data Sheet according to Regulation (EC) No. 1907/2006</b>	
	Doc.No: RDS/SDS/728B	Supersedes No: RDS/MSDS/728A
	Page 3 of 7	
	<b>Title: Chlorpheniramine maleate</b>	

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### Personal precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

### Environmental precautions

Do not let product enter drains.

### Methods for cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

## SECTION 7 - HANDLING AND STORAGE

### Handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

### Storage

Preserve in well closed containers. Keep container tightly closed in a dry and well-ventilated place.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### Personal protective equipment

#### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

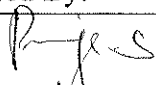

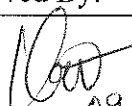
#### Hand protection

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.


#### Eye protection

Safety glasses

#### Skin and body protection

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	<b>Safety Data Sheet according to Regulation (EC) No. 1907/2006</b>	
	Doc.No: RDS/SDS/728B	Supersedes No: RDS/MSDS/728A
	Page 4 of 7	
<b>Title: Chlorpheniramine maleate</b>		

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

### Hygiene measures


Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Solid
Appearance	:	Crystalline powder. white.
Colour	:	No data available
Odour	:	Not applicable.
Odour threshold	:	No data available
pH	:	4 - 5
Melting point	:	130 - 135 °C
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	No data available
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available
Relative density	:	No data available
Solubility	:	Water: > 100 mg/l
Log Pow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available
Explosive limits	:	No data available

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	Safety Data Sheet according to Regulation (EC) No. 1907/2006	
	Doc.No: RDS/SDS/728B	Supersedes No: RDS/MSDS/728A
	Page 5 of 7	
	Title: Chlorpheniramine maleate	

## SECTION 10 - STABILITY AND REACTIVITY DATA

### Storage stability

Stable under recommended storage conditions.

### Materials to avoid

Bases, Oxidizing agents, Reducing agents

### Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Acute toxicity

Dermal: Toxic in contact with skin

Inhalation: Toxic if inhaled.

Oral: Toxic if swallowed.

LD50 oral rat, 188 - 306 mg/kg, LD50 dermal rabbit, 365 mg/kg

LC50 inhalation rat (mg/l), 365 mg/kg Not classified

### Serious eye damage/eye irritation

No data available

### Respiratory or skin sensitisation

No data available

### Germ cell mutagenicity

No data available

### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

### Reproductive toxicity

No data available

### Specific target organ toxicity - single exposure

No data available

### Specific target organ toxicity - repeated exposure

No data available


### Aspiration hazard

No data available

### Additional Information

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	Doc.No: RDS/SDS/728B	Supersedes No: RDS/MSDS/728A
	Page 6 of 7	
<b>Title: Chlorpheniramine maleate</b>		

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

## SECTION 12 - ECOLOGICAL INFORMATION

### Elimination information (persistence and degradability)

No data available

### Ecotoxicity effects

No data available

### Further information on ecology

No data available

## SECTION 13 - DISPOSAL CONSIDERATIONS

### Product

Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

### Contaminated packaging

Dispose of as unused product.

## SECTION 14 - TRANSPORT INFORMATION

### UN number

ADR/RID: - 2811

IMDG: -2811

IATA: 2811

### UN proper shipping name: Toxic solid organic n.o.s (Chlorpheniramine maleate)

ADR/RID n.o.s (Chlorpheniramine maleate)

IMDG n.o.s (Chlorpheniramine maleate)

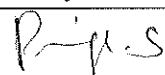

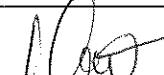
IATA n.o.s (Chlorpheniramine maleate)

### Transport hazard class(es)


ADR/RID: - IMDG: -6.1

IATA: 6.1

### Packaging group

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	Doc.No: RDS/SDS/728B	Supersedes No: RDS/MSDS/728A
	Page 7 of 7	
<b>Title: Chlorpheniramine maleate</b>		

ADR/RID: -                      IMDG: -III                      IATA: - III  
**Environmental hazards**  
ADR/RID: -6.1                      IMDG: -Marine pollutant: no                      IATA: - no  
**Special precautions for user** no data available

### SECTION 15 - REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Chemical safety assessment**

For this product a chemical safety assessment was not carried out.

### SECTION 16 - OTHER INFORMATION

**Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.



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<i>P. S.</i>	<i>K. An</i>	<i>[Signature]</i>
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