

MOREPEN

MATERIAL SAFETY DATA SHEET

1 Product Identification

Product	*Desloratadine*
Chemical name	*8-Chloro-6,11-dihydro-11-(4-piperidinylidene) 5H-benzo[5,6] cyclohepta[1,2-b]pyridine*
Molecular formula	$C_{19}H_{19}ClN_2$
Molecular weight	*310.83*
Therap. Category	*H1 – receptor antagonist*
Therapeutic use	*Non-sedative antihistaminic. (anti-allergic)*

2 Ingredient Information

Principle components	*Percent*	*Exposure Limits*
Desloratadine	*Pure Material*	*n/f*

3 Health Hazard Information

Health Hazard Data	*Not considered hazardous when handled under normal conditions with good house keeping.*

4 First Aid Measures

Eyes	*Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids, seek medical attention.*
Skin	*Do not cause harm to skin however in case of contact with skin immediately wash skin with soap and copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.*
Ingestion	*If swallowed, wash out mouth with water, provided person is concious. Seek medical advice.*
Inhalation	*Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.*



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5 Fire Fighting Measure

	Do not cause fire, however for personnel safety the Fire Fighting Measure are :
Extinguishing	*Carbon dioxide, dry chemical powder or appropriate foam. Water spray.*
Unusual fire and explosion hazards	*Emits toxic fumes under fire conditions*
Special firefighting procedures	*Wear self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.*

6 Accidental Release Measure

Do not cause harm however to ensuring personal safety, mark out contaminated area with signs and prevent unauthorized access. Turn leaking containers up to prevent further evaculate area. Wear self-contained breathing apparatus, rubber boots & heavy rubber gloves. Sweep-up/absorb in suitable material, place in a container and hold for disposal. Avoid raising dust. Ventilate area and wash spill site after pick-up complete.

7 Storage/Handling/ Spill/Disposal Measures

Storage	*Store in well closed container protected from light..*
Handling/ spill/disposal measures	*Avoid contact with material. Avoid prolonged or repeated exposure. Labs should be equipped with a safety shower and an eye wash station wash thoroughly after handling material.*

8 Exposure Controls/ Personal Protection

Protective equipment	*Wear suitable protective clothing, such as chemical resistant gloves and chemical safety goggles. Immediately change contaminated clothing. Wash hands and face after working with substance.*
Respiratory protection and ventilation	*Use a NIOSH/MSHA approved full-face piece air line respirator in the positive pressure mode with emergency escape provisions.*



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9 Physical and Chemical Properties

Appearance	*White to off-white powder.*
Form	*Crystalline powder.*
Odour	*Odourless.*
Solubility	*Soluble in MDC & Methanol.*

10 Stability and Reactivity

Stability	*Stable*
Material to avoid	*Acids, strong oxidizing and reducing agents.*
Hazardous decomposition products	*Does not produce any hazardous decomposition product under normal conditions.*

11 Toxicological Information

Non Toxic.
Most commonly reported side effects are gastrointestinal disturbances, CNS depression. Overdose may be harmful & should be avoided especially in infants & children. It should be used on the prescription of registered medical practitioner only.

12 Ecological Information

Product should be avoided from entering sewer as it may affect plant life.

13 Disposal Considerations

Dissolve or mix material with a suitable combustible solvent and incinerate in a chemical incinerator equipped with an afterburner and scrubber.

Material should be disposed of in keeping with all local and national legislation. Packaging should be disposed of in keeping with all local and national legislation. Handle contaminated containers as product.



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14 Transport Information

There is no specific condition for transportation however transportation should be done in accordance with local, state and federal regulations.

15 Regulatory Information

a)	*R-Phrases (R20/21/22)*		*Harmful by inhalation, in contact with skin and if swallowed.*
b)	*S-Phrases (S36/37)*		*Wear suitable protective clothing and gloves.*
c)	*CAS No.*		*100643-71-8*
d)	*Labeling on container to include*	*(i)*	*Product name*
		(ii)	*B. No.*
		(iii)	*Date of Mfg.*
		(iv)	*Date of Retest*
		(v)	*Weight*
		(vi)	*Storage condition*
		(vii)	*Company Name and Address*
		(viii)	*Manufacturing Lic.No.*

16 Other Information

Avoid contact with material. Avoid proponged or repeated exposure wash thoroughly after handing. The above information herein is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Morepen Labs shall not be held liable for any damage resulting from handling or from contact with the above product.