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CLOTRIMAZOLE

MATERIAL SAFETY DATA SHEET	
SECTION – I : MATERIAL IDENTIFICATION & WP	
Name of material	CLOTRIMAZOLE
Chemical Name	1-[(2-chlorophenyl) diphenylmethyl]-1H- imidazole
Molecular Wt.	344.8
Molecular formula	C ₂₂ H ₁₇ ClN ₂
Chemical Category	Imidazole derivative
Therapeutic category	Anti fungal
Action & Use	Oral, topical or suppositories
SECTION II : HAZARDOUS INGREDIENT INFORMATION	
Hazardous ingredient	Not applicable
SECTION III : HAZARDOUS INFORMATION	
Physical state	Solid
Appearance	A white or pale yellow, crystalline powder..
Characteristic	Soluble in alcohol and methylene chloride
Inflammability	Not inflammable, Melting point: 141 -145°C
Flash point	Not applicable
Lower explosive limit	Not applicable
Upper explosive limit	Not applicable
Auto – Ignition temperature	Not applicable
Hazardous products of combustion	Not applicable
Sensitivity to static discharge	Not applicable
SECTION IV : FIRST AID MEASURES	
<ul style="list-style-type: none">If inhaled remove to fresh airIf not breathing give respirationFor eye irritation immediately flush eye with excess water over eye wash	
SECTION V : FIRE FIGHTING MEASURES	
IN-FLAMMABILITY : Material is not highly inflammable or explosive	
FIRE HAZARD : Burns at high temperature with evolution of fumes.	
FIRE FIGHTING : Use excess water to extinguish the fire	
SECTION VI : ACCIDENTAL RELEASE MEASURES	
Take the patient away from accident place	
If inhaled remove to fresh air and allow to relax	
If not breathing give respiration and immediate call the physician	
For body contact, remove contaminated do the and take shower bath	
For eye irritation immediately flush with excess water	



SECTION VII : HANDLING & STORAGE

Use hand gloves, Nose mask apron, goggles while handling

Use stainless steel scoop for sampling & dispensing

Store at controlled room temperature, protected from direct sunlight in individually sealed double HMHD polythene bags; kept in polythene lined fibre board drums

SECTION VIII : EXPOSURE CONTROL / PERSONAL PROTECTION

Use hand gloves, nose mask, apron, goggles while handling

Use stainless steel scoop for sampling to avoid direct contact

SECTION IX : PHYSICAL & CHEMICAL PROPERTIES

A white or pale yellow, crystalline powder.

Soluble in alcohol and methylene chloride

SECTION X : STABILITY & REACTIVITY

Stable at room temperature (At 25°C) protected from light.

To be kept away from direct heat and excess humidity.

SECTION XI : TOXICOLOGICAL INFORMATION TO THE SKIN

Oral (Animal) : (LD50):10000mg/kg to Rat

Dermal (Animal) : No Data Available

Effect to eyes (Animal) : Not irritant (Rabbit)

Skin irritation (Animal) : slight irritant (Rabbit)

SECTION XII : ECOLOGICAL INFORMATION

Not available

SECTION XIII : DISPOSAL CONSIDERATIONS

In compliance with government rules and regulations for disposal of waste

SECTION XIV : TRANSPORT INFORMATION

Packed in sealed fiber container containing individually sealed HMHD polythene bags, labeled appropriately -"NON HAZ CHEMICAL IATA NOT APPLICABLE" Transportation by air shipment . IATA : NOT APPLICABLE

SECTION XV : REGULATORY INFORMATION

Pharmacopoeia : IP/BP/JP/EP/USP

Chemical Registry No. : 23593-75-1

Manufactured under drug license No. G/1121

SECTION XVI : OTHER INFORMATION

Manufacture -

M/s. Amoli Organics Pvt. Limited

Plot No.322/4, 40 Shed Area,

G.I.D.C., Vapi-396195.Gujarat

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