

# MATERIAL SAFETY DATA SHEET

## CEFPODOXIME PROXITIL TABLETS

C -077

S. No.

### 1 CHEMICAL IDENTITY

- 1.1 Chemical Name *Cefpodoxime Proxitil Tablets*
- 1.2 Chemical Classification *Not available.*
- 1.3 Synonyms *Not available.*
- 1.4 Trade Name *Candesar tablets 8mg/16mg*  
*Cefpodoxime Proxetil tablets*
- 1.5 Chemical Formula *Cefpodoxime Proxetil: C<sub>21</sub>H<sub>27</sub>N<sub>5</sub>O<sub>9</sub>S<sub>2</sub>*
- 1.6 C.A.S. No. *87239-81-4 only for Cefpodoxime Proxitil*
- 1.7 U.N. No. *Not available.*
- 1.8 Regulated Identification *Not available*
- 1.8.1 Shipping Name  
Codes/Label : *None.*
- 1.8.2 Hazchem No. *Not available.*
- 1.8.3 Hazardous Waste Identification No.: *Not available*

### 1.8.4 Hazardous Ingredients

Name	CAS No.	Name	CAS No.
Cefpodoxime Proxetil	87239-81-4	Lactose	63-42-3
CMC Calcium	9050-04-3	Sodium Lauryl Sulphate	151-21-3
Hydroxy propylcellulose	9004-64-2	Magnesium stearate	557-21-3
Opacode S-1-17734	Not available	Opadry Orange 03H53003	Not available

### 2 PHYSICAL AND CHEMICAL DATA

- 2.1 Physical State *Solid*
- 2.2 Appearance *Orange Tablets*
- 2.3 Odour *Odourless*
- 2.4 Specific Gravity ( Water= 1 ) *Not available.*
- 2.5 Vapour Pressure at 20°C/50°C, mbar *Not available*
- 2.6 Vapour Density ( Air = 1 ) *Not available*
- 2.7 Boiling Range /Point *Not available*
- 2.8 Melting/Freezing Point *Not available*
- 2.9 Solubility in Water (at 30\*) *Partly soluble and partly suspendable.*
- 2.1 pH *Not availale.*

### 3 FIRE AND EXPLOSION HAZARD DATA

- 3.1 Flash Point *Not available*
- 3.4 Upper Explosion Limit(% by volume) *Not available*
- 3.5 Lower Explosion Limit (% by volume) *Not available*
- 3.6 TDG Flammability *Combustible.*
- 3.7 Explosion sensitivity to impact *Not applicable*
- 3.8 Explosion sensitivity to static *No*
- 3.9 Hazardous Combustion Products *Co<sub>2</sub>,CO,NO<sub>x</sub>, Acrid fume etc.*
- 3.1 Hazardous Polymerisation *Will not occur*
- 3.11 Combustible Liquid *No*
- 3.12 Explosive Material *No*
- 3.13 Corrosive Material *No*
- 3.14 Inflammable Material *No*
- 3.15 Oxidiser *No*
- 3.16 Pyrophoric Material *No*
- 3.17 Organic Peroxide *No*
- 3.18 Others *Combustible when exposed fire or flame. The packing and outer packing are also combustible.*

### 4 REACTIVITY DATA

- 4.1 Chemical Stability *Stable*

4.2 Incompatibility with other material	Not available
4.3 Reactivity	Violent reaction with chemicals mentioned above.
4.4 Other	--
<b>5 HEALTH HAZARD DATA</b>	
5.1 Routes of Entry	Ingestion and by skin contact.
5.2 Effect of exposure/ symptoms	Slightly toxic by ingestion and inhalation. To be taken only under expert medical advice.
5.3 Emergency Treatment	Inhalation :Remove to fresh air. Support breathing if required. Eyes : Flush with running water for at least 15 minutes. Skin:Wash with soap and plenty of water. Call physician immediately.
5.4 TLV ( TWA )	Not available
5.5 STEL	Not available.
5.6 Permissible Exposure Limit	See TLV
5.7 Odour Threshold	Not available
5.8.1 LD 50 ( Route and Species )	Oral rat above 5000mg/kg
	Cefpodoxime Proxetil      oral-rat      Not available
	CMC Calcium                      oral-rat      Not available
	Hydroxy propylcellulose      oral-rat      >15g/kg
	Opacode S-1-17734              oral-rat      Not available
	Lactose                              oral-rat      10g/kg
	Sodium Lauryl Sulphate      oral-rat      1288mg/kg
	Magnesium stearate              oral-rat      1092mg/kg
	Opadry Orange 03H53003              Not available
	Not available.
5.8.2 LC50 ( Species )	
5.9 NFPA Hazard Signals	
Health Factor , Nh	0
Flammability Factor, Nf	1
Reactivity Factor,Nr	0
Special Factor	-
<b>6 PREVENTIVE MEASURES</b>	
6.1 Personal Protective Equipment	Goggles, Rubber gloves and breathing protection if involved in accidental spill.
6.2 Handling and Storage precautions	Store in a cool, well ventilated area away from heat and and flame.
<b>7 EMERGENCY FIRST-AID MEASURES</b>	
7.1 Fire	Difficult to catch fire but dangerous if involved in fire.
7.1.1 Fire Extinguishing Media	Water spray, DCP or CO2
7.1.2 Special Procedures	Keep containers cool with water spray if exposed to heat or flame. Wear full breathing protection while attending fires.
7.1.3 Unusual Hazards	May generate toxic fumes of NOx, and CO if involved in fire. Use full breathing protection while attending fires.
7.2 Exposure	
7.2.1 First-Aid Measure	Inhalation: Remove to fresh air, support breathing if required. EYES: Flush with running water for atleast 15 minutes. SKIN: Wash with soap and plenty of water. Get medical help quickly.
7.2.2 Antidote/Dosage	-
7.3 Spills	
7.3.1 Steps to be taken	Collect the spilled material in a close container and wash traces with water into drain. Do not allow to enter into drain in substatial quantities. Follow local regulations. Wear prescribed protective equipment.

### 7.3.2 Waste Disposal Method

*Through incineration or degradation in ETP only as per local guidelines or regulations.*

## 8 ADDITIONAL INFORMATION

### 8.1 References

- 1 *MSDS published by ICMA -1993*
- 2 *Dangerous properties of Industrial Chemicals -SAX/LEWIS 7TH EDITION*
- 3 *NFPA- Handbook*
- 4 *Other available literature.*

## 9 MANUFACTURER/SUPPLIERS DATA

9.1 Name of the Firm

*Ranbaxy Laboratories Limited*

9.2 Mailing Address

*Industrial Area- 3, DEWAS 455 001 (M.P.) INDIA*

9.3 Telephone

*91-7272-58231 to 35*

9.4 Fax

*91-7272-58134&98-7272-58804*

e-mail

*[ravindra.kamath@ranbaxy.com](mailto:ravindra.kamath@ranbaxy.com)*

9.5 Contact Person in Emergency

*R. Kamath*

9.6 Local bodies Involved

*Not available.*

9.7 Standard Packing

*In paper cartons.*

9.8 Tremcard Details/Ref.

*Not available.*

## 10 DISCLAIMER

Information contained in this Material Safety Data Sheet has been compiled from the references indicated in Section 8.0, and is believed to be reliable. It is based on knowledge available until present.

## 11 HISTORY

11.1 Date of First Issue

*10.10.2002*

11.2 Date of Previous MSDS

*Nil*

11.3 Date of Issue

*10.10.2002*

11.4 Version

*1*

11.5 MSDS Prepared by

*R.Kamath*

11.6 MSDS Revised by

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