## **Material Safety Data Sheet**

Section 1: Chemical Product Company Identification	
Product Name	Ciprofloxacin Hydrochloride Monohydrate In-House Reference Standard
CAS No.	86393-32-0
Identified uses	Pharmaceutical Reference Standard
Details of the Supplier Company	SynZeal Research Pvt Ltd Plot No. F, Ganesh Industrial Estate 423/24/8, MahagujaratInd Estate Sarkhej-Bavla Road, Ahmedabad-382 213. Gujarat, India.
Telephone	+91-75750 02050

Section 2 : Chemical Information	
Chemical Name	1-Cyclopropyl-6-fluoro-4-oxo-7-(piperazin-1-yl)-1,4- dihydroquinoline-3-carboxylic acid Hydrochloride Hydrate
CAS No.	86393-32-0
Molecular Weight	331.3 : 36.5 : 18.0
Molecular Formula	C17H18FN3O3 : HCI : H2O

Section 3: Hazards Identification		
Emergency Overview:		
Appearance	White Solid	
Target Organs	NA	
Potential Health Effects:		
Eye	NIL	
Skin	NIL	
Ingestion	NIL	
Inhalation	NIL	
Chronic	NIL	

Section 4: First Aid Measures	
Eye	Wash with plenty of water
Skin	Wash with plenty of water
Ingestion	Medical assistance for gastric lavage.
Inhalation	Remove to fresh air, artificial respiration or oxygen if

	necessary.
Notes to Physician	Ciprofloxacin Hydrochloride Monohydrate In-House Reference Standard can be washed with plenty of water in case of any exposure

Section 5: Firefighting Measures	
Extinguishing Media	Carbon dioxide, dry chemical powder, foam, water.
Unusual Fire and Explosion Hazards	None indicated

Section 6: Accidental Release Measures	
Personal Precautions	Wear self-contained breathing apparatus, avoid dust formation.
Spills/Leaks	Wash with plenty of water, provide adequate ventilation.

Section 7: Handlings and Storage	
Handling	Wear surgical gloves
Storage	Can be stored at room temperature

Section 8 : Exposure Controls, Personal Protection	
Respiratory Protection	Self-contained breathing apparatus
Exposure Limits	NA
Eye Protection	Wear safety goggles
Other Protective Equipment	Protective clothing
Skin	Full sleeves apron
Clothing	Cotton

Section 9: Physical and Chemical Properties	
Appearance	White Solid
Odor	Odor less
Melting Point	NA
рН	Basic
Vapor Pressure	NA
Vapor Density	NA
Evaporation Rate	NA
Viscosity	NA
Boiling Point	NA

Decomposition Temp	NA	
Auto ignition Temp.	NA	
Flash Point	NA	
NFPA Rating	NA	
Explosion Limits		
Lower	NA	
Upper	NA	
Solubility	Chloroform, Methanol	
Specific Gravity/Density	NA	

Section 10 : Stability and Reactivity	
Chemical Stability	Stable
Conditions to avoid	Direct contract to skin
Incompatibilities with other Materials	Keep away
Hazardous Decomposition Products	NIL
Hazardous Polymerization	NIL

Section 11: Toxicological Information		
CAS	NA	
LD50/LC50	NA	
Carcinogenicity	NIL	
Epidemiology	NIL	
Teratogenicity	NIL	
Reproductive Effects	NIL	
Neurotoxicity	NIL	
Mutagencity	NIL	
Other Studies	NA	

## Section 12 : Ecological Information

Data not available

Section 13: Disposal Consideration		
RCRA P-Series	Can be incinerated	
RCRA U-Series	NA	

Section 14 : Transport Consideration					
UN-Number					
ADR/RID:	IMDG:	IATA:			
UN proper shipp	ping name				
ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods					
Transport hazard class(es)					
ADR/RID:	IMDG:	IATA:			
Packaging Group					
ADR/RID:	IMDG:	IATA:			
Environmental hazards					
ADR/RID: No	IMDG Mar	ine pollutant: No	IATA: No		
Special precaut	ions for users				
Further informa	tion				

Section 15 : Regulatory Information					
TSCA		Attached the letter			
Health & Safety Reporting List		No data available			
Chemical Test Rules		Chemical analysis report is attached			

## **Section 16: Additional Information**

This product is not bioactive, non-radioactive. It is for R&D use only. Not for drug, household or other uses.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge. It does not represent any guarantee of the product.