

Glochem Industries Limited



Factory : Survey Nos. 174 to 176, IDA Bollaram, Medak-Dist. – 502325
A.P. India. Phone : 08458 – 279003 .

Office : Flat No.:120, Bhanu Enclave, Sunder Nagar, Hyderabad-500 038. India.
Phones: 0091-40-23713041, 23705187, 23816951, Fax: 0091-40-23711483
E-mail : hyd2_glochem@sancharnet.in. Web Site :www.glochemindia.com

MATERIAL SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION

NAME OF THE MANUFACTURER : Glochem Industries Limited
FLAT NO.120, BHANU ENCLAVE,
SUNDAR NAGAR,
HYDERABAD – 500 038, INDIA.
Phone No. 0091-40-3713041/3705187

PRODUCT NAME : CETIRIZINE DIHYDROCHLORIDE

CHEMICAL NAME : 2-[2-[4-[(4-CHLOROPHENYL)PHENYLMETHYL]PIPERAZIN-1YL]
ETHOXY] ACETIC ACID DIHYDROCHLORIDE

DATE OF ISSUE : 02.10.2003

SECTION 2 – COMPOSITION

MOLECULAR FORMULA : $C_{21}H_{27}Cl_3N_2O_3$

MOLECULAR WEIGHT : 461.8

CAS NUMBER : 83881-52-1

SECTION 3 – HAZARDOUS IDENTIFICATION

MAY BE HARMFUL IF SWALLOWED OR INHALED IN HIGH CONCENTRATIONS. MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. MATERIAL PRESENTS A STRONG DUST EXPLOSION HAZARD AND HAS HIGH SENSITIVITY TO IGNITION.

SECTION 4 – FIRST AID MEASURES

EYES CONTACT: ASSURE ADEQUATE FLUSHING OF WATER BY SEPARATING THE EYELIDS WITH FINGERS. FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST FIFTEEN MINUTES.

SKIN CONTACT: FLUSH WITH COPIOUS AMOUNTS OF WATER AND SOAP FOR ATLEAST 15 MINUTES. REMOVE SOAP FOR ATLEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHES AND SHOES. CALL A PHYSICIAN.

INHALATION: REMOVE THE AFFECTED PERSON TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF REQUIRED.

INGESTION : GET MEDICAL AID. WASH MOUTH OUT WITH WATER.

SECTION 5 – FIRE FIGHTING MEASURES

GENERAL INFORMATION : AS IN ANY FIRE WEAR A SELF-CONTAINED BREATHING PARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES. EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

EXTINGUISHING MEDIA : USE CARBON DIOXIDE, DRY CHEMICAL OR WATER SPRAY.

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY DUST RUBBER GLOVES. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTER DISPOSAL. AVOID RAISING DUST. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICK UP IS COMPLETE.

SECTION 7 – HANDLING AND STORAGE

HANDLING

DO NOT GENERATE AIRBORNE DUST OR EXPOSE TO IGNITION SOURCES. GROUND AND BOND ALL TRANSFER EQUIPMENT. KEEP AWAY FROM HEAT. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING DUST. WEAR RUBBER GLOVES, CHEMICAL SAFETY GOGGLES AND PROTECTIVE CLOTHES. MECHANICAL EXHAUST REQUIRED.

STORING: : KEEP UNOPENED IN THE ORIGINAL CONTAINER

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE-PROTECTION : USE SAFETY GLASSES

SKIN : WEAR APPROPRIATE PROTECTIVE GLOVES TO PREVENT SKIN .
EXPOSURE

CLOTHING : WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN
EXPOSURE

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : A WHITE OR ALMOST WHITE POWDER .

SOLUBILITY : FREELY SOLUBLE IN WATER PRACTICALLY INSOLUBLE IN
ACETONE AND IN METHYLENE CHLORIDE.

LOSS ON DRYING / M.C : NOT MORE THAN 0.5%

SECTION 10 – STABILITY AND REACTIVITY

STABILITY : STABLE IN NORMAL CONDITIONS OF USE

INCOMPATIBILITY : INCOMPATIBLE TO STRONG OXIDIZERS

SECTION 11 – TOXICOLOGICAL INFORMATION

MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN, CAUSES EYE IRRITATION, MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT, MAY BE HARMFUL IF INHALED, MAY BE HARMFUL IF SWALLOWED.

TO THE BEST OF OUR KNOWLEDGE, THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY
INVESTIGATED

LC50 (DAPHNIA MAGNA, 48h0: 3.2 MG/L

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SECTION 12 – ECOLOGICAL INFORMATION

THE USE AND/OR DISPOSAL OF THIS MATERIAL IS NOT EXPECTED TO CAUSE ADVERSE EFFECTS UPON ANIMALS, PLANTS, HUMANS OTHER ORGANISMS OR THE ENVIRONMENT

SECTION 13 – DISPOSAL CONSIDERATIONS

INCINERATE IN AN APPROVED FACILITY

DISPOSE OFF WASTE IN ACCORDANCE WITH ALL APPLICABLE LAWS

SECTION 14 – TRANSPORT INFORMATION

NOT LISTED

SECTION 15 - REGULATORY INFORMATION

EINECS NO; NO DATA

SECTION 16 - OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE.

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