

USB United States Biochemical Corporation

P.O. Box 22400 • Cleveland, Ohio 44122 • 216/765-5000

MATERIAL SAFETY DATA SHEET

USB PRODUCT: ~~COLCHICINE~~
USB PRODUCT NUMBER: 13805

USDV VERSION: 07/10/86-0001

***** FOR 24HR EMERGENCY INFORMATION CALL COLLECT 216-765-8217 *****

CUSTOMER INFORMATION

CAROLINA BIOLOGICAL SUPPLY COMPANY
2700 YORK ROAD
DEPARTMENT 014
DR. HARRY STONE
PURLINGTON, NC
27219

CUSTOMER NUMBER: 771290
CUSTOMER PO NUMBER: 02000
DATE: 01/07/87
USB ORDER NUMBER: 051453

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME:
COLCHICINE
CHEMICAL NAME OR SYNONYMS:
COLCHICINE: N-(5,6,7,9-TETRAHYDRO-1,2,3,10-TETRAMETHOXY-9-OXO-
BENZO[*a*]HEPTALEN-7-YL)ACETAMIDE
CHEMICAL FAMILY:
ALKALOID
MOLECULAR FORMULA/CAS#:
C22 H25 N O6 / 64-86-8

SECTION 2 HAZARDOUS INGREDIENTS

INGREDIENT	%	GLM
COLCHICINE		
ESSENTIALLY A SINGLE CHEMICAL COMPONENT. EXACT % NOT DETERMINED OR MAY VARY SLIGHTLY.		

SECTION 3 PHYSICAL DATA

BOILING POINT:
NOT APPLICABLE
VAPOR PRESSURE(MM HG):
NO DATA
VAPOR DENSITY(AIR=1):
NO DATA
SOLUBILITY(WATER):
APPROX. 4%
SPECIFIC GRAVITY:
NO DATA
PERCENT VOLATILE:
NO DATA
EVAPORATION RATE:
NO DATA
APPEARANCE:
WHITE TO PALE YELLOW POWDER

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT(METHOD)/FLAMMABLE LIMITS(LEL-UEL):
NO DATA
EXTINGUISHING MEDIA:
SPRAY-WATER-POWDERS
SPECIAL FIRE FIGHTING PROCEDURES:
NO INFORMATION AVAILABLE
UNUSUAL FIRE OR EXPLOSION HAZARDS:

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NO INFORMATION AVAILABLE

SECTION 5 HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE(TLV):

NOT ESTABLISHED

EFFECTS OF OVEREXPOSURE:

PHYSIOLOGICALLY ACTIVE AT VERY LOW DOSE LEVELS. VERY IRRITATING TO SKIN, MUCOSA AND RESPIRATORY WAYS. SEVERE EYE IRRITANT (RTECS 81-82). IRRITATION, MUTATION, REPRODUCTIVE EFFECTS AND TOXICITY DATA UNDER RTECS CH0700000. NO LD50 DATA (ORAL-RAT) AVAILABLE. HOWEVER, OTHER TOXICITY DATA INDICATE THIS MATERIAL SHOULD BE CONSIDERED TOXIC. HANDLE WITH CAUTION.

EMERGENCY AND FIRST AID INFORMATION:

FLUSH FROM SKIN AND EYES WITH WATER. SEEK IMMEDIATE MEDICAL ATTENTION. IF INGESTED OR INHALED, SEEK IMMEDIATE MEDICAL ATTENTION AND ADVICE.

SECTION 6 REACTIVITY DATA

STABILITY:

STABLE

INCOMPATIBILITY:

NO INFORMATION AVAILABLE

HAZARDOUS DECOMPOSITION PRODUCTS:

NO INFORMATION AVAILABLE

HAZARDOUS POLYMERIZATION:

NO INFORMATION AVAILABLE

SECTION 7 SPILL AND DISPOSAL INFORMATION

SPILLS:

WEAR APPROPRIATE PROTECTIVE CLOTHING. COLLECT MATERIAL IN A MANNER THAT WILL NOT CREATE DUST. PLACE MATERIAL IN A SUITABLE WASTE CONTAINER. AVOID CONTACT OF MATERIAL WITH SKIN OR EYES. USE ADEQUATE VENTILATION. DO NOT ALLOW MATERIAL TO CONTACT SKIN OR EYES.

WASTE DISPOSAL:

INCINERATE IN AN APPROVED FACILITY, IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

NIOSH APPROVED RESPIRATOR.

VENTILATION:

LOCAL EXHAUST - SUFFICIENT TO CONTROL DUST

PROTECTIVE GLOVES:

REQUIRED

EYE PROTECTION:

SAFETY GOGGLES

OTHER:

PROTECTIVE CLOTHING OR GLOVE BOX. ACCESS TO WASH SHOWER AND EYE WASH.

SECTION 9 OTHER SPECIAL PRECAUTIONS OR COMMENTS

PRECAUTIONS OR COMMENTS:

STORE AT ROOM TEMPERATURE, PROTECTED FROM LIGHT. CHANGE CLOTHES AND SHOWER AFTER WORK.

THIS BULLETIN IS FOR YOUR GUIDANCE AND IS BASED UPON INFORMATION AND TESTS BELIEVED TO BE RELIABLE. USB MAKES NO GUARANTEE OF THE ACCURACY

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ABBREVIATIONS:

ACGIH- AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

IARC- INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

NTP/TARC-NATIONAL TOXICOLOGY PROGRAM/THIRD ANN. REPORT ON CARCINOGENS

RTECS- REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES