

THE WORLD'S FOREMOST MANUFACTURER OF RESEARCH
 BIOCHEMICALS AND DIAGNOSTIC REAGENTS

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DATE: 04/14/95
 CUST#: 2-097-94816
 PO#: QF08030

M A T E R I A L S A F E T Y D A T A S H E E T P A G E 1

SECTION 1. ----- CHEMICAL IDENTIFICATION -----

PRODUCT #: T7883 NAME: TRIMETHOPRIM CRYSTALLINE

SECTION 2. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

CAS #: 738-70-5
 MF: C14H18N4O3

SYNONYMS
 BW 56-72 * 2,4-DIAMINO-5-(3,4,5-TRIMETHOXYBENZYL)PYRIMIDINE *
 MONOPRIM * NIH 204 * NSC-106568 * PROLOPRIM * 2,4-PYRIMIDINEDIAMINE,
 5-((3,4,5-TRIMETHOXYPHENYL)-METHYL)- * SYRAPRIM * TIEMPE * TRIMANYL *
 TRIMETHOPRIM * TRIMETHOPRION * 5-(3,4,5-TRIMETHOXYBENZYL)-2,4-
 DIAMINOPYRIMIDINE * TRIMOPAN * TRIMPEX * WELLCOPRIM * WR 5949 *

SECTION 3. ----- HAZARDS IDENTIFICATION -----

LABEL PRECAUTIONARY STATEMENTS

TOXIC
 MAY CAUSE HARM TO THE UNBORN CHILD.
 TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.
 MAY CAUSE SENSITIZATION BY SKIN CONTACT.
 POSSIBLE MUTAGEN.
 TARGET ORGAN(S):
 BONE MARROW
 IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE
 IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE).
 WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE
 PROTECTION.
 DO NOT BREATHE DUST.

SECTION 4. ----- FIRST-AID MEASURES -----

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
 CALL A PHYSICIAN.
 IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER
 FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND
 SHOES. CALL A PHYSICIAN.
 IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT,
 CALL A PHYSICIAN.
 IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER
 FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING
 THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

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SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA
 CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.
 SPECIAL FIREFIGHTING PROCEDURES
 WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
 PREVENT CONTACT WITH SKIN AND EYES.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES - - - - -

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY
 RUBBER GLOVES.
 SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
 AVOID RAISING DUST.
 VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE - - - - -

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION - - - - -

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT
 GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
 MECHANICAL EXHAUST REQUIRED.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR
 SOLID.
 MELTING POINT: 199-203 °C
 SOLUBILITY: WATER-SLIGHTLY SOLUBLE BENZYL ALCOHOL-SOLUBLE

SECTION 10. - - - - - STABILITY AND REACTIVITY - - - - -

STABILITY
 STABLE.
 CONDITIONS TO AVOID
 PROTECT FROM LIGHT.

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PRODUCT #: T7883
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NAME: TRIMETHOPRIM CRYSTALLINE

PROTECT FROM MOISTURE.
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
TOXIC FUMES OF:
CARBON MONOXIDE, CARBON DIOXIDE
NITROGEN OXIDES
HAZARDOUS POLYMERIZATION
WILL NOT OCCUR.

SECTION 11. ----- TOXICOLOGICAL INFORMATION -----

ACUTE EFFECTS
HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.
MAY CAUSE ALLERGIC SKIN REACTION.
EXPOSURE CAN CAUSE:
NAUSEA, HEADACHE AND VOMITING

CHRONIC EFFECTS
MAY CAUSE CONGENITAL MALFORMATION IN THE FETUS.
POSSIBLE MUTAGEN.
TARGET ORGAN(S):
BONE MARROW

RTECS NO: UV8225000
PYRIMIDINE, 2,4-DIAMINO-5-(3,4,5-TRIMETHOXYBENZYL)-

TOXICITY DATA

ORL-RAT LD50:200 MG/KG	14XBV - ,367,64
IPR-RAT LD50:1460 MG/KG	YKYUA6 27,653,76
SCU-RAT LD50:>5 GM/KG	YKYUA6 27,653,76
ORL-MUS LD50:3960 MG/KG	KSRNAM 13,115,79
IPR-MUS LD50:1870 MG/KG	NKRZAZ 21,175,73
SCU-MUS LD50:>5 GM/KG	NKRZAZ 21,175,73
IVN-MUS LD50:200 MG/KG	BJPCAL 33,72,68

TARGET ORGAN DATA

VASCULAR (BP LOWERING NOT CHARACTERIZED IN AUTONOMIC SECTION)
LUNGS, THORAX OR RESPIRATION (CHRONIC PULMONARY EDEMA OR CONGESTION)
ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES
(RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR
COMPLETE INFORMATION.

SECTION 12. ----- ECOLOGICAL INFORMATION -----

DATA NOT YET AVAILABLE.

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SECTION 13. ----- DISPOSAL CONSIDERATIONS -----

DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. ----- TRANSPORT INFORMATION -----

CONTACT SIGMA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15. ----- REGULATORY INFORMATION ----- [®]

REVIEWS, STANDARDS, AND REGULATIONS
 NOES 1983: HZD X4630; NIS 4; TNF 918; NOS 9; TNE 21309; TFE 16105
 EPA GENETOX PROGRAM 1988, POSITIVE: N CRASSA-ANEUPLOIDY

SECTION 16. ----- OTHER INFORMATION -----

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