MATERIAL SAFETY DATA SHEET

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

PRODUCT #: 07673
NAME: 3-(3,4-DICHLOROPHENYL)-1,1-DIMETHYLUREA

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

CAS #: 330-54-1
MF: C9H10Cl2N2O1
SYNONYMS
AF 101 * CEKUROON * CRISUROON * DALION * OCMU * DIATOR *
DICHLORFENDINIR * 3-(3,4-DICHLOROPHENYL)-1,1-DIMETHYLUREA * N'- (3,4- DICHLOROPHENYL)-N,N-DIMETHYLUREA * 3-(3,4-DICHLOROPHENYL)-1,1-
DICHLORUREA * 1-(3,4-DICHLOROPHENYL)-3,3-DIMETHYLUREA (FRENCH) * 3-
(3,4-DICHLOROPHENYL)-1,1-DIMETHYL-HARNSTOFF (GERMAN) * 3-(3,4-
DICHLOROPHENYL)-1,1-DIMETHYLUREA (DUTCH) * 3-(3,4-DICHLOROPHENYL)-1,1-
DICHLORUREA (ITALIAN) * 1,1-DIMETHYL-3-(3,4-DICHLOROPHENYL)UREA (OSHA)
* DMC * DM HARDENER 95 * DreXEL * DreXEL DIURON 4L * DurAN * DurEX *
FARMCO DIURON * HERBACX * HW 920 * KARMEX * KARMEX DIURON HERBICIDE *
KARMEX OH * HARPER * SUPER FLO * TELVAR * TELVAR DIURON NEED KILLER *
TigREX * UNIURON * UROX 91 * USAF P-7 * USAF XR-42 * VONDURON *

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

LABEL PRECAUTIONARY STATEMENTS.
HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.
IRRITATING TO EYES AND RESPIRATORY SYSTEM.
MAY CAUSE SENSITIZATION BY SKIN CONTACT.
TARGET ORGAN(S):
LIVER
KIDNEYS
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADVICE.
WEAR SUITABLE PROTECTIVE CLOTHING.

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

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS
AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED
CLOTHING AND SHOES.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.

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MATERIAL SAFETY DATA SHEET  

PRODUCT #: 07763  
NAME: 3-(3,4-DICHLOROPHENYL)-1,1-DIMETHYLUREA

CALL A PHYSICIAN.  
WASH CONTAMINATED CLOTHING BEFORE REUSE.

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

EXTINGUISHING MEDIA
WATER SPRAY
CARBON DIOXIDE, DRY CHEMICAL PONDER OR APPROPRIATE FOAM

SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

EVACUATE AREA.
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.
SHEEP 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/PERSOAL PROTECTION -- -- -- -- -- --

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

SAFETY SHOWER AND EYE BATH.
USE ONLY IN A CHEMICAL FUME HOOD.
DO NOT BREATHE DUST.
DO NOT GET IN EYES, ON SKIN, OR CLOTHING.
AVOID PROLONGED OR REPEATED EXPOSURE.
WASH THOROUGHLY AFTER HANDLING.

HARMFUL SOLID.
IRRITANT.
SENSITIZER.

CONTINUED ON NEXT PAGE
PRODUCT #: 07763
MF#: C9H10Cl2N2O1
NAME: 3-(3,4-DICHLOROPHENYL)-1,1-DIMETHYLUREA

KEEP TIGHTLY CLOSED.
STORE IN A COOL DRY PLACE.

SECTION 2: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE ANDOd
SOLID
MELTING POINT: 158 C TO 159 C
VAPOR PRESSURE: <0.01MM 20 C
SOLUBILITY:
WATER: 42 MG/L 25 C
ACETONE: 53 G/KG

SECTION 10: STABILITY AND REACTIVITY

STABILITY:
STABLE
INCOMPATIBILITIES:
STRONG OXIDIZING AGENTS
STRONG ACIDS
STRONG BASES
DO NOT HEAT ABOVE M.P.
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:
TOXIC FUMES OF:
CARBON MONOXIDE, CARBON DIOXIDE
NITROGEN OXIDES
HYDROGEN CHLORIDE GAS
HAZARDOUS POLMERIZATION WILL NOT OCCUR.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EFFECTS:
HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.
CAUSES EYE IRRITATION.
MATERIAL IS IRRITATING TO HUMAN MEMBRANES AND UPPER RESPIRATORY TRACT.
MAY CAUSE SKIN IRRITATION.
MAY CAUSE ALLERGIC SKIN REACTION.
EXPOSURE CAN CAUSE:
CNS DEPRESSION
GASTROINTESTINAL DISTURBANCES

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MATERIAL SAFETY DATA SHEET

PRODUCT #: 07763
MP#: 69410CL2N201

NAME: 3-(3,4-DICHLOROPHENYL)-1,1-DIMETHYLUREA

TARGET ORGAN DATA
BEHAVIORAL (GENERAL ANESTHETIC)
BEHAVIORAL (CATATAXIA)

ADDITIONAL INFORMATION
DO NOT USE IN THE PRESENCE OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTCS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTCS FOR COMPLETE INFORMATION.

SECTION 12. ECOLOGICAL INFORMATION

SECTION 13. DISPOSAL CONSIDERATIONS

SECTION 14. TRANSPORT INFORMATION

SECTION 15. REGULATORY INFORMATION

CONTINUED ON NEXT PAGE
MATERIAL SAFETY DATA SHEET

PRODUCT #: D7783
MF#: C9H10Cl2N2O1

NAME: 3-(3,4-DICHLOROPHENYL)-1,1-DIMETHYLUREA

REVIEW, STANDARDS, AND REGULATIONS
ACGIH TLV: TWA 10 MG/M3
EPA FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR RE-REGISTRATION
FERRAC 54, 7740, 89
OSHA PEL FINAL: 8H TWA 10 MG/M3
FERRAC 54, 2923, 89
DEL-AUSTRALIA: TWA 10 MG/M3, JAN'93
DEL-BELGIUM: TWA 10 MG/M3, JAN'93
DEL-DENMARK: TWA 5 MG/M3, JAN'93
DEL-FINLAND: TWA 10 MG/M3, STEL 20 MG/M3, JAN'93
DEL-FRANCE: TWA 10 MG/M3, JAN'93
DEL-NETHERLANDS: TWA 10 MG/M3, JAN'93
DEL-SWITZERLAND: TWA 10 MG/M3, JAN'93
DEL-UNITED KINGDOM: TWA 10 MG/M3, JAN'93
DEL IN SUGARIA, COLOMBIA, JORDAN, KOREA CHECK ACGIH TLV
DEL IN NEW ZEALAND, SINGAPORE, VIETNAM CHECK ACGIH TLV
NIOSH REL TO DIURON-AIR: 10H TWA 10 MG/M3
NTOSH 10007892
NOHS 1974: HZD M0785: NIS 2; TNE 129; NDS 2; TNE 374
NOES 1983: HZD M0785: NIS 7; TNE 70; NDS 12; TNE 4132; TFE 264
EPA GENTEXT PROGRAM 1985, NEGATIVE: S CEREVISIAE GENE CONVERSION
EPA TOXIC CHEMICAL INVENTORY, JUNE 1993
EPA TSCA SECTION 8(E) STATUS REPORT 05-000-0930-0009
ON EPA IRIS DATABASE
EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, JANUARY 1994

SECTION 16. OTHER INFORMATION

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