

EFFECTIVE DATE: 10 APR 79

NOV 20 1979

PRODUCT CODE: 58851

PRODUCT NAME: PENTACHLOROPHENOL DP-2

MSD: 1031

INGREDIENTS (TYPICAL VALUES-NOT SPECIFICATIONS)

ACTIVE INGREDIENTS:

PENTACHLOROPHENOL
OTHER CHLOROPHENOLS
INERT INGREDIENTS

: % :
:
:
: 85 :
: 10 :
: 5 :
:

EPA REGISTRATION # 464-388

SECTION 1

PHYSICAL DATA

BOILING POINT: 527F, 275C : SOL. IN WATER: 1.24G/100G @ 20C
VAP PRESS: 400 MMHG @ 284C : SP. GRAVITY: 1.97 (SOLID)
VAP DENSITY (AIR=1): NOT APPL. : % VOLATILE BY VOL: NOT APPL.
APPEARANCE AND ODOR: LIGHT TAN SOLID - PHENOLIC ODOR.

SECTION 2

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: ---- : FLAMMABLE LIMITS (STP IN AIR)
METHOD USED: ---- : LFL: ---- UFL: ----
EXTINGUISHING MEDIA: LARGE FIRES; WATER FOG, FOAM. SMALL FIRES;
CARBON DIOXIDE, OR DRY CHEMICAL.
SPECIAL FIRE FIGHTING EQUIPMENT AND HAZARDS: GAS MASK (ORGANIC OR
ACID CANISTER). IF WATER IS USED, PREVENT RUN-OFF FROM ENTERING
SEWERS OR WATERWAYS. HYDROGEN CHLORIDE GAS IS EVOLVED DURING BURNING.

SECTION 3

REACTIVITY DATA

STABILITY: WILL NOT IGNITE IN AIR WHEN TESTED TO 550C.
INCOMPATIBILITY: VERY STRONG OXIDIZERS.
HAZARDOUS DECOMPOSITION PRODUCTS: HYDROGEN CHLORIDE.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 4

SPILL, LEAK, AND DISPOSAL PROCEDURES

ACTION TO TAKE FOR SPILLS (USE APPROPRIATE SAFETY EQUIPMENT): CLEAN UP ALL

TRACES. SHOVEL UP AS MUCH AS POSSIBLE INTO CLEAN, DRY CONTAINERS.
ON HARD SURFACES USE ABSORBENT MATERIAL TO PICK UP REMAINDER; ON LOOSE
SURFACES SHOVEL UP CONTAMINATED LAYER. AVOID USE OF WATER; PRODUCT
IS HIGHLY TOXIC TO AQUATIC LIFE.
DISPOSAL METHOD: LOCAL REGULATIONS MAY PERMIT BURNING. OTHERWISE, KEEP
MATERIAL IN CLOSED CONTAINERS AND CALL SUPPLIER FOR ADVICE.

SECTION 5

HEALTH HAZARD DATA

INGESTION: MODERATE SINGLE DOSE ORAL TOXICITY; LD50 (RAT FEMALE) 135;
(MALE) 205 MG/KG.
EYE CONTACT: UP TO SLIGHT IRRITATION, POSSIBLE MILD TRANSIENT CORNEAL
INJURY.
SKIN CONTACT: UP TO SLIGHT TO MODERATE IRRITATION, EVEN A SLIGHT BURN

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SECTION 5

HEALTH HAZARD DATA (CONTINUED)

SKIN CONTACT: (CONTINUED)

UPON PROLONGED, REPEATED CONTACT.

SKIN ABSORPTION: POWDER NOT LIKELY TO BE ABSORBED IN TOXIC AMOUNTS;

STRONG SOLUTIONS READILY ABSORBED IN TOXIC AMOUNTS.

INHALATION: OSHA GUIDE AND ACGIH TLV 0.5 MG/M3. NOT LIKELY A PROBLEM
BECAUSE OF GOOD WARNING PROPERTIES.

EFFECTS OF OVEREXPOSURE: DUSTS IRRITATING TO NOSE AND THROAT. BY
INGESTION, MAY CAUSE ELEVATION OF BODY TEMPERATURE.

SECTION 6

FIRST AID--NOTE TO PHYSICIAN

FIRST AID PROCEDURES:

EYES: PROMPTLY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL
ATTENTION PROMPTLY.

SKIN: IN CASE OF CONTACT, IMMEDIATELY FLUSH SKIN WITH PLENTY OF
WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING
AND SHOES. CALL A PHYSICIAN. WASH CONTAMINATED CLOTHING BEFORE
REUSE. DESTROY CONTAMINATED SHOES.

INHALATION: REMOVE TO FRESH AIR IF EFFECTS OCCUR. CALL A PHYSICIAN
AND/OR TRANSPORT TO MEDICAL FACILITY.

INGESTION: IF SWALLOWED, INDUCE VOMITING IMMEDIATELY BY GIVING
TWO GLASSES OF WATER AND STICKING FINGER DOWN THROAT. CALL A
PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

NOTE TO PHYSICIAN:

EYES: MAY CAUSE MODERATE IRRITATION. STAIN FOR EVIDENCE OF CORNEAL
INJURY. IF CORNEA IS BURNED, INSTILL ANTIBIOTIC STEROID PREP

A--

RATION FREQUENTLY. CONSULT OPHTHALMOLOGIST.

SKIN: MAY CAUSE MODERATE IRRITATION. MAY CAUSE SLIGHT BURN WITH
PROLONGED CONTACT. IF RASH IS PRESENT, TREAT AS ANY CONTACT
DERMATITIS. IF BURN IS PRESENT, TREAT AS ANY THERMAL BURN.
POWDER - NOT LIKELY TO BE ABSORBED IN ACUTELY TOXIC AMOUNTS.
LIQUID - MAY BE ABSORBED IN ACUTELY TOXIC AMOUNTS. CONTAINING

NTS

MAY CAUSE CHLORACNE.

RESPIRATORY: MAY CAUSE SEVERE IRRITATION. ADMINISTER OXYGEN IF
AVAILABLE. BRONCHODILATORS, EXPECTORANTS, AND ANTITUSSIVES
MAY BE OF HELP. GOOD WARNING PROPERTIES.

ORAL: TOXIC BY INGESTION.

SYSTEMIC: METABOLIC STIMULANT. CONSIDER HYPOTHERMIA. NO SPECIFIC
ANTIDOTE. TREATMENT BASED ON THE SOUND JUDGMENT OF THE PHYSI

CIAN

AND THE INDIVIDUAL REACTIONS OF THE PATIENT. IN ANIMALS HIGH
EXPOSURE MAY CAUSE LIVER AND KIDNEY DAMAGE.

SECTION 7

SPECIAL HANDLING INFORMATION

VENTILATION: RECOMMEND CONTROL OF DUSTS TO SUGGESTED GUIDE.

RESPIRATORY PROTECTION: NIOSH APPROVED RESPIRATORY PROTECTION REQUIRED I
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ABSENCE OF PROPER ENVIRONMENTAL CONTROL. IF REQUIRED, USE AN APPROVED
DUST RESPIRATOR.

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SECTION 7

SPECIAL HANDLING INFORMATION (CONTINUED)

PROTECTIVE CLOTHING: CLEAN, BODY-COVERING CLOTHING. PLASTIC GAUNTLETS
AND CLEAN, CLOTH GLOVES.

EYE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS.

SECTION 8 SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DO NOT GET IN EYES.
AVOID SKIN CONTACT. AVOID BREATHING DUSTS.

ADDITIONAL INFORMATION: ----

LAST PAGE

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