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MATERIAL SAFETY DATA SHEET

-----IDENTIFICATION-----

PRODUCT NAME: PHENOXATHIIN

FORMULA WEIGHT: 200.26

CAS NUMBER: 262-20-4

FORMULA: C12-H8-O-S

-----TOXICITY HAZARDS-----

RTECS# SP6825000

INTRAPERITONEAL; MOUSE; LD50:200 mg/kg; TOXIC EFFECTS NOT YET REVIEWED

-----HEALTH HAZARD DATA-----

ACUTE EFFECTS OF EXPOSURE:

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION. MAY CAUSE IRRITATION.

FIRST AID:

IN CASE OF CONTACT WITH EYES, IMMEDIATELY FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.

IN CASE OF CONTACT WITH SKIN, IMMEDIATELY WASH WITH SOAP AND COPIOUS AMOUNTS OF WATER.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY BY MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

CALL A PHYSICIAN.

REMOVE AND WASH CONTAMINATED CLOTHING PROMPTLY.

-----PHYSICAL DATA-----

MELTING POINT: 57-58°C

BOILING POINT: 150-152°C / 5 mm

-----FIRE AND EXPLOSION DATA-----

EXTINGUISHING MEDIA:

CARBON DIOXIDE, DRY CHEMICAL POWDER, ALCOHOL OR POLYMER FOAM.

SPECIAL FIRE FIGHTING PROCEDURES:

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH VAPORIZED MATERIAL AND/OR TOXIC FUMES.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

NONE.

MATERIAL SAFETY DATA SHEET

NAME: PHENOXATHIIN

-----REACTIVITY DATA-----

STABILITY: STABLE
INCOMPATIBILITIES:
STRONG OXIDIZING AGENTS
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:
CARBON DIOXIDE, CARBON MONOXIDE, AND SULFUR OXIDES
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

-----SPILL OR LEAK PROCEDURE-----

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS, AND HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A CLOSED CONTAINER AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.
WASTE DISPOSAL METHOD:
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 DISPOSAL REGULATIONS.

-----PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-----

CHEMICAL SAFETY GOGGLES
IMPERVIOUS RUBBER GLOVES
OSHA/MSHA-APPROVED RESPIRATOR
SAFETY SHOWER AND EYE BATH
MECHANICAL EXHAUST REQUIRED
AVOID CONTACT AND INHALATION
DO NOT BREATHE DUST
DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING
AVOID PROLONGED OR REPEATED EXPOSURE
WASH THOROUGHLY AFTER HANDLING
KEEP TIGHTLY CLOSED
STORE IN A COOL, DRY PLACE

-----ADDITIONAL PRECAUTIONS AND COMMENTS-----

ALWAYS USE PERSONAL PROTECTIVE EQUIPMENT AND FOLLOW SAFE LABORATORY PRACTICES DURING THE HANDLING OR DISPOSAL OF THIS CHEMICAL.

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