

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA's Hazard Communication Standard CFR 1910.1200 and OSHA Form 174.

N/A SIGNIFIES NON-APPLICABLE

IDENTITY AND SUPPLIERS INFORMATION

PRODUCT NAME: **TRICHLOR-SUB** CHEMICAL FAMILY:
 PRODUCT NUMBER: C369 FORMULA: PROPRIETARY
 SUPPLIER'S NAME: GENERAL PRODUCTS & SUPPLY, INC. PHONE NUMBER: (724) 327-7200
 SUPPLIER'S ADDRESS: 101 TECHNOLOGY LANE EMERGENCY NO.: 800-255-3924
 EXPORT, PA 15632 DATE PREPARED: 09/22/00
 PROPER SHIPPING NAME:

HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING
HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
MAX PERSONAL PROTECTION	B

SECTION 1 - INGREDIENT IDENTIFICATION AND INFORMATION

CHEMICAL NAME	CARC.**	CAS NO.	WT %	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV(ppm)	Skin
MINERAL SPIRITS	d	64742-88-7		NO	N/E	N/E	
1-BROMOPROPANE	d	106-94-5		NO	N/E	N/E	

SECTION 2 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 300°F
 VAPOR PRESSURE: >0.1mmHg
 VAPOR DENSITY: (Air = 1): 5
 SOLUBILITY IN WATER: Negligible
 SPECIFIC GRAVITY: 0.91
 pH RANGE:
 EVAPORATION: (Water=1) N/D
 APPEARANCE/ODOR: Thin colorless liquid with bromine odor.

SECTION 3 - FIRE/EXPLOSION HAZARD DATA

FLAMMABILITY: (FLAME PROJECTION) N/A
 FLASH POINT: 300°F
 FLAMMABILITY LIMITS: %UEL: 6 %LEL: 1
 EXTINGUISHER MEDIA: Water spray or fog, foam, dry chemical or CO2. Do not use direct water stream.
 SPECIAL FIRE FIGHTING PROCEDURES: Do not enter confined fire space without proper protective equipment including NIOSH approved self-contained breathing apparatus. Cool fire exposed containers, surrounding equipment & structures with water.
 UNUSUAL FIRE/EXP. HAZARDS: None known.
 WATER REACTIVE: No

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: Stable
 HAZARDOUS POLYMERIZATION: Will not occur.
 INCOMPATIBILITY: Oxidizing materials.
 CONDITIONS TO AVOID: Heat, sparks, open flame.
 HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon & unidentified organics may be formed during combustion.

SECTION 5 - HEALTH HAZARD DATA AND FIRST AID

PRIMARY ROUTES OF ENTRY: ACUTE EFFECTS: SKIN: Prolonged & repeated liquid contact may result in irritation and dermatitis. SKIN: Wash with soap & water. If irritation persists, get medical attention.
 EYES: Slight irritation from short-term contact. Prolonged & repeated contact more irritating. EYES: Flush eyes with water for at least 15 minutes, lifting eyelids occasionally. If irritation persists, get medical attention.
 INHALATION: High concentrations or prolonged exposure to lower concentrations may be slightly irritating to mucous membranes. INHALATION: Remove to fresh air. Provide oxygen if breathing is difficult. Get medical attention.
 INGESTION: May result in vomiting. Aspiration of vomitus into lungs must be avoided as lung contact can result in chemical pneumonitis and pulmonary edema. INGESTION: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.
 CHRONIC EFFECTS: None known.
 MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing irritation of skin or mucous membranes.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION: As required to prevent overexposure. NIOSH approved air purifying respirator for organic vapors or atmosphere-supplying respirator.
 PROTECTIVE GLOVES: As required to minimize skin contact.
 EYE PROTECTION: Safety glasses or goggles.
 VENTILATION REQUIREMENTS: Explosion proof ventilation as required to control vapor concentrations.
 OTHER PROTECTIVE CLOTHING: Clothing as required to minimize skin contact. Eyewash station and safety shower.
 HYGIENIC WORK PRACTICE: Do not eat, drink, or smoke in work areas. Wash hands after handling.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Keep out of surface waters & any sewers or watercourses entering or leading to surface waters. Soak up with inert absorbent & place in properly labeled leak-proof containers for disposal.
 WASTE DISPOSAL METHODS: Dispose of in accordance with all applicable local, state and federal regulations.
 PRECAUTIONS IN HANDLING AND STORAGE: Store in original shipping containers away from heat, open flame & oxidizing materials. Keep closed when not in use. Shelf life 1 year.
 OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without any warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only