

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:		<table><tr><th>HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM</th><th>RATING</th></tr><tr><td>HEALTH</td><td>2</td></tr><tr><td>FLAMMABILITY</td><td>1</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>MAX PERSONAL PROTECTION</td><td>B</td></tr></table>		HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING	HEALTH	2	FLAMMABILITY	1	REACTIVITY	0	MAX PERSONAL PROTECTION	B
HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING														
HEALTH	2														
FLAMMABILITY	1														
REACTIVITY	0														
MAX PERSONAL PROTECTION	B														
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:															

SECTION 1 - INGREDIENT IDENTIFICATION AND INFORMATION

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

SECTION 2 - PHYSICAL/CHEMICAL PROPERTIES

SECTION 3 - FIRE/EXPLOSION HAZARD DATA

BOILING POINT: 300°F
VAPOR PRESSURE: : >0.1mmHg
VAPOR DENSITY: (Ai r= 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.

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.
EYES: Slight irritation from short-term contact. Prolonged & repeated contact more irritating.
INHALATION: High concentrations or prolonged exposure to lower concentrations may be slightly irritating to mucous membranes.
INGESTION: May result in vomiting. Aspiration of vomitus into lungs must be avoided as lung contact can result in chemical pneumonitis and pulmonary edema.
CHRONIC EFFECTS: None known.

FIRST AID PROCEDURES:

SKIN: Wash with soap & water. If irritation persists, get medical attention.
EYES: Flush eyes with water for at least 15 minutes, lifting eyelids occasionally. If irritation persists, get medical attention.
INHALATION: Remove to fresh air. Provide oxygen if breathing is difficult. Get medical attention.
INGESTION: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.

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