

MATERIAL SAFETY DATA SHEETRequired under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)**SECTION I**

MANUFACTURER'S NAME CRC Chemicals USA		EMERGENCY TELEPHONE NO. (215) 674-4300
ADDRESS (Number, Street, City, State, and ZIP Code) 885 Louis Drive Warminster, PA 18974		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS CRC Cable Clean #02068, 02070, 02073	
CHEMICAL FAMILY Chlorinated solvents	FORMULA CH_3CCl_3 and $\text{CCl}_2=\text{CCl}_2$	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
1,1,1 Trichloroethane				75	350 ppm
Perchloroethylene				25	100 ppm

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	170-252 F	SPECIFIC GRAVITY (H ₂ O=1)	1.375-1.390
VAPOR PRESSURE (mm Hg.)	85	PERCENT, VOLATILE BY VOLUME (%)	100 %
VAPOR DENSITY (AIR=1)	4.8	EVAPORATION RATE (_____=1)	
SOLUBILITY IN WATER	negligible		
APPEARANCE AND ODOR Water white solvent, odor of chlorinated solvents			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) None T.C.C., C.O.C., T.O.C.	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA N/A			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS May develop a flammable atmosphere in confined areas. Keep away from flames, welding arcs, sparks, etc., when used where vapors can collect and concentrate.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See sec. II for individual values - consult 29 CFR 1910.1000 to calculate value for mixtures.

EFFECTS OF OVEREXPOSURE

Eye irritation, dizziness and/or drunkenness. Overexposure will cause symptoms of narcosis. Excessive vapor concentrations may result in death due to suffocation.

EMERGENCY AND FIRST AID PROCEDURES

If eye irritation, dizziness and/or drunkenness occur, remove to fresh air. For skin contact: Wash then apply skin cream to replace oils. For eye contact: Flush with a large amount of water. If ingested: Do not induce vomiting. Call a physician. If breathing stops, give artificial respiration. Call a physician. Avoid use of stimulants.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Sparks, welding arcs, flames, etc.

INCOMPATIBILITY (Materials to avoid)

Water

HAZARDOUS DECOMPOSITION PRODUCTS

Can decompose to harmful and corrosive vapors when in contact with flames and other ignition sources.

HAZARDOUS POLYMERIZATION

WILL OCCUR	CONDITIONS TO AVOID
WILL NOT OCCUR	X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Use proper protective equipment. For small spills, use sorbent, allow to stand, then sweep into airtight container for disposal. For large spills, dike, then pump into container for disposal. Use respiratory equipment or good ventilation.

WASTE DISPOSAL METHOD

Empty cans should be disposed of in accordance to local and state regulations. Full or partially filled containers should be considered "Hazardous Waste" and disposed of as such.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Self contained breathing apparatus for conc. above TLV.

VENTILATION

LOCAL EXHAUST

SPECIAL

Recommended to maintain vapor conc. below TLV.

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Solvent resistant gloves

EYE PROTECTION

Safety glasses

OTHER PROTECTIVE EQUIPMENT

Eye bath nearby.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Vapors are heavier than air and will collect in low areas such as pits, bottoms of wells, manholes, and other confined areas.

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Store in cool, dry place. Use with adequate ventilation. Avoid prolonged breathing of vapors. Avoid prolonged and repeated contact with skin.