

MATERIAL SAFETY DATA SHEET

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SECTION I: PRODUCT

NUMBER: 7680
NAME: COLORINE THINNER
CLASS: CHLORINATED HYDROCARBON

HMIS HAZARD CODES
HEALTH: 2 MODERATE
FLAMMABILITY: 1 SLIGHT
REACTIVITY: 0 MINIMAL
PERSONAL PROTECTIVE EQUIPMENT: C

SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT MATERIAL DESCRIPTION	% BY WT.	CAS REGISTRY NO.	PEL OSHA	TLV ACGIH	UNIT
1,1,1 TRICHLOROETHANE	100.00	71-55-6	450.0	450.0	PPM

SECTION III: PHYSICAL DATA

BOILING RANGE: 165 F. - 190 deg. F
MELTING POINTS:
VAPOR PRESSURE: mm @ 20 deg C
SPECIFIC GRAVITY: 1.32
EVAPORATION RATE: N/A
(relative to n-butyl acetate)
% VOLATILE BY VOLUME 100.00

FREEZING RANGE: deg. F
VAPOR DENSITY: N/A
H₂O SOLUBLE: MODERATE 1.0 - 10.0
H₂O REACTIVE:
DENSITY: 10.990 lbs/gal
VOC: 10.99

APPEARANCE AND ODOR: CLEAR LIQUID/CHARACTERISTIC ODOR

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT deg F (method used) none to boiling
EXPLOSIVE LIMITS: LEL UEL(%V in air)
7.5 12.5

FLAMMABILITY CLASSIFICATION
OSHA: NOT REGULATED
DOT: NOT REGULATED
AUTO-IGNITION TEMPERATURE:
EXTINGUISHING MEDIA
FOAM.
CARBON DIOXIDE (CO₂).
DRY CHEMICAL.
WATER SPRAY.

SPECIAL FIRE FIGHTING PROCEDURES:
USE WATER FOG TO COOL CONTAINERS.
WEAR PROTECTIVE CLOTHING.
COMPLETE PERSONAL PROTECTIVE EQUIPMENT WHEN EXPOSURE TO VAPORS OR PRODUCTS TO COMBUSTION EXIST.
AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
VAPOR IS HEAVIER THAN AIR.
MATERIAL IS IRRITATING TO BOTH EYES AND SKIN.

SECTION V: TOXICOLOGICAL INFORMATION

INGREDIENT MATERIAL DESCRIPTION	CARCINOGENICITY LISTING			LD50 (mg/kg)		LC50(ppm)
	OSHA	NTP	IARC	(rat) ORAL	(rbt) DERMAL	(rat) INHAL
1,1,1 TRICHLOROETHANE	N	N	N			

SECTION VI: HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

VAPORS MAY IRRITATE EYES, SKIN AND RESPIRATORY TRACT.
 EXPOSURE/INGESTION MAY CAUSE HEADACHE, DIZZINESS AND NAUSEA.
 CONTACT MAY CAUSE SKIN IRRITATION OR ALLERGIC SKIN REACTION.

EMERGENCY & FIRST AID PROCEDURES:

INHALATION: MOVE TO FRESH AIR.

EYE CONTACT: FLUSH WITH WATER (LIFT LIDS) FOR FIFTEEN MINUTES.

SKIN CONTACT: WASH AFFECTED AREAS WITH SOAP AND WATER.

REMOVE CONTAMINATED CLOTHING.

INGESTION: *DO NOT INDUCE VOMITING*, AND CALL PHYSICIAN.

ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH
 CAN BE FATAL. GET MEDICAL ATTENTION!

AVOID CONTACT WITH SKIN OR EYES.

SECTION VII: REACTIVITY DATA

STABILITY: Y

POLYMERIZATION: N

STABILITY CONDITIONS TO AVOID:

NOT APPLICABLE.

INCOMPATIBILITY (MAT'L TO AVOID)

PEROXIDES AND/OR STRONG OXIDIZING AGENTS.

ALUMINUM.

POTASSIUM.

SODIUM.

MAGNESIUM.

STRONG BASES.

STRONG ALKALIES.

STRONG MINERAL ACIDS.

HAZARDOUS DECOMPOSITION PRODUCTS:

FUMES AND SMOKE.

OXIDES OF CARBON MONOXIDE AND/OR CARBON DIOXIDE.

POLYMERIZATION CONDITIONS TO AVOID:

NONE.

SECTION VIII: SPILL OR LEAK PROCEDURES

MATERIAL SPILLAGE:

ABSORB WITH SAND AND DISPOSE OF IN APPROVED MANNER.

DIKE AREA WITH SAND TO CONTAIN SPILLED LIQUID.

WEAR PROTECTIVE CLOTHING DURING CLEAN-UP.

RECOVER FREE PRODUCT.

VENTILATE CONFINED SPACES, OPEN WINDOWS AND DOORS.

SHUT OFF AND ELIMINATE ALL IGNITION SOURCES.

PREVENT MATERIAL FROM ENTERING WATERWAYS.

USE WATER SPARINGLY TO REDUCE DISPOSAL REQUIREMENTS.

WASTE DISPOSAL:

DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS.

KEEP PRODUCT OUT OF SEWERS AND WATERWAYS.

EMPTY CONTAINERS CONTAIN RESIDUE, FOLLOW SAFETY INSTRUCTIONS AFTER CONTAINERS ARE EMPTY.

SECTION IX: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

MAINTAIN GOOD VENTILATION.
IF AIRBORN CONCENTRATIONS EXCEED PEL (SEE II) USE A SUPPLIED AIR RESPIRATOR.
DO NOT USE A CHEMICAL CARTRIDGE RESPIRATOR.

VENTILATION:

PROVIDE ADEQUATE CROSS AIR CIRCULATION.
TO AVOID BREATHING VAPORS OR SPRAY MIST, OPEN WINDOWS AND DOORS
ENSURE FRESH AIR ENTRY DURING APPLICATION AND DRYING.

PROTECTIVE GLOVES:

CHEMICAL RESISTANT RUBBER OR PLASTIC PREFERRED.

EYE PROTECTION:

SPLASHPROOF SAFETY GOGGLES TO PREVENT AGAINST SPLASH.

OTHER PROTECTIVE EQUIPMENT:

EYEWASH STATION (FOUNTAIN).
USE CHEMICAL RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING.
A SOURCE OF CLEAN WATER AVAILABLE TO FLUSH EYES AND SKIN.

HYGENIC PRACTICES:

WASH HANDS BEFORE EATING OR USING THE WASHROOM.

SECTION X: SPECIAL PRECAUTIONS

REGULATORY DATA:

UN/NA NUMBER: [UN2831]

D.O.T.

EPA RCRA

HAZARD CLASS: [ORM-A]

CLASS: []

SHIPPING NAME: [1,1,1, TRICHLOROETHANE]

NO.: []

CERCLA REPORTABLE QNTY. []

NO INV. []

HANDLING AND STORAGE PRECAUTIONS:

NORMAL STORAGE PROCEDURES.

OTHER PRECAUTIONS:

CHECK ALL CONTAINERS FOR LEAKS.
AVOID REPEATED OR PROLONGED BREATHING OR CONTACT WITH SKIN.
KEEP CONTAINERS CLOSED WHEN NOT IN USE.
DO NOT HANDLE OR STORE NEAR HEAT, SPARKS OR FLAME.
MINIMIZE BREATHING VAPOR OR MIST.
DO NOT TAKE INTERNALLY.
KEEP OUT OF REACH OF CHILDREN.

SECTION XI: SARA TITLE 313

CHEMICAL	CAS #	WEIGHT%	FIRE	RELEASE	REACT	ACUTE	CHRON
1,1,1 TRICHLOROETHANE	71-55-6	100.00					X

SARA SECTION 313 TOXIC CHEMICALS

THIS PRODUCT CONTAINS THE ABOVE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372. IF THERE ARE NONE THE SECTION WILL BE EMPTY.

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

DISCLAIMER

EVERY EFFORT HAS BEEN MADE TO ENSURE THAT THE SAFETY INFORMATION ON THIS SHEET IS ACCURATE, BUT BECAUSE ROSCO LABORATORIES, INC. HAS NO CONTROL OVER THE CONDITIONS UNDER WHICH THE PRODUCT WILL BE USED, LIABILITY IS LIMITED EXCLUSIVELY TO REPLACEMENT OR REFUND OF THE PURCHASE PRICE OF THIS PRODUCT. EXCEPT AS STATED HEREIN, THERE ARE NO EXPRESS OR IMPLIED WARRANTIES INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ROSCO LABORATORIES, INC. ASSUMES NO LIABILITY FOR INJURY OR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF STORAGE, HANDLING OR USE OF THIS PRODUCT.

HAZARDOUS WARNING

NO SPECIAL HAZARDS EXIST WITH THIS PRODUCT. AS WITH ANY CHEMICAL SUBSTANCE CAUTION AND CARE WILL PREVENT UNNECESSARY ACCIDENTS AND SAFETY PROBLEMS. READ INSTRUCTIONS ON LABEL BEFORE USE.