

MATERIAL SAFETY DATA SHEET

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Name: ROSCO LABORATORIES INC.

Address: 36 BUSH AVENUE
PORT CHESTER, NY 10573

Phone: (914) 937-1300

EMERGENCY TELEPHONE: (914) 937-1300

SECTION I: PRODUCT

NUMBER: 7601-7617

NAME: COLORINE

CLASS:

HMIS HEALTH CODES

HEALTH: 2 MODERATE

REACTIVITY: 0 INSIGNIFICANT

FLAMMABILITY: 2 MODERATE

SPECIAL:

SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT BY WEIGHT	C.A.S REGISTRY NO	PEL OSHA	TLV ACGIH	OTHER
AROMATIC NAPHTHA	82.5 %	64742-95-6		100 PPM	
TRICHLOROETHANE 1,1,1		17.5 %	00071-55-6		350 PPM

SECTION III: PHYSICAL DATA

BOILING POINT: 280 deg F.

MELTING POINT: N/A

VAPOR PRESSURE (mm Hg): 8.5

SPECIFIC GRAVITY: .96

EVAPORATION RATE: LESS THAN 1 (WATER)

(butyl acetate = 1)

% VOLATILE BY VOLUME: 70%

FREEZING RANGE:

VAPOR DENSITY (AIR = 1): -1

H₂O SOLUBLE: N/A

H₂O REACTIVE:

DENSITY:

VOC:

APPEARANCE AND ODOR: CLEAR WITH AROMATIC ODOR

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT: 110 F TCC

LEL: 1.1% EST.

UEL: 11.2% EST.

FLAMMABILITY CLASSIFICATION:

OSHA:

DOT:

EXPLOSIVE LIMITS (% BY VOLUME IN AIR): 1.1%

EXTINGUISHING MEDIA:

FOAM.

CARBON DIOXIDE.

WATER-SPRAY.

DRY CHEMICAL.

SPECIAL FIRE FIGHTING PROCEDURES:

WEAR SELF-CONTAINED BREATHING APPARATUS (PRESSURE-DEMAND, MSHA/NIOSH APPROVED OR EQUIVALENT).

WEAR FULL PROTECTIVE GEAR.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

VAPORS CAN TRAVEL TO SOURCE OF IGNITION AND FLASH BACK.

HAZARDOUS PRODUCTS FORMED BY FIRE OR OTHER THERMAL DECOMPOSITION:

NONE KNOWN.

SECTION V: HEALTH HAZARD DATA

ROUTES OF ENTRY:

INHALATION: YES

SKIN: YES

INGESTION: YES

EYES: YES

HEALTH HAZARDS:

ACUTE: YES (SEE SIGNS AND SYMPTOMS OF EXPOSURE BELOW)

CHRONIC:

CARCINOGENICITY: NO

NTP:

IARC MONOGRAPHS:

OSHA REGULATED:

SIGNS AND SYMPTOMS OF EXPOSURE:

VAPOR OR MIST CAN CAUSE HEADACHE, NAUSEA AND IRRITATION OF NOSE, THROAT AND LUNGS.

IRRITATION TO SKIN ON PROLONGED CONTACT.

SLIGHT IRRITATION TO EYES.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: MOVE TO FRESH AIR.

INGESTION: DILUTE BY GIVING TWO GLASSES OF WATER TO DRINK.

CONTACT A PHYSICIAN.

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

IF IRRITATION PERSISTS, CONTACT A PHYSICIAN.

SKIN CONTACT: WASH WITH SOAP AND WATER.

SECTION VI: REACTIVITY DATA

STABILITY: STABLE

STABILITY CONDITIONS TO AVOID:

INCOMPATIBILITY (MATERIALS TO AVOID):

STRONG OXIDIZING AGENTS.

STRONG ACIDS.

SELECTED AMINES.

HAZARDOUS DECOMPOSITION PRODUCTS:

MONOMER VAPORS CAN BE EVOLVED WHEN PRODUCT IS HEATED DURING PROCESSING OPERATIONS.

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR.

POLYMERIZATION CONDITIONS TO AVOID:

NONE.

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS FOR MATERIAL SPILLAGE:

FLOOR MAY BE SLIPPERY, USE CARE TO AVOID FALLING.

DIKE AND CONTAIN SPILL WITH INERT MATERIAL (SAND/EARTH).

TRANSFER LIQUID TO CONTAINERS FOR RECOVERY OR DISPOSAL.

KEEP SPILLS AND RUNOFF OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER.

WASTE DISPOSAL METHOD:

DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

RESPIRATOR MSHA/NIOSH APPROVED OR EQUIVALENT WHERE EXPOSURE LIMITS ARE EXCEEDED.

VENTILATION:

LOCAL EXHAUST: EXP PF 100 FT/MIN.

MECHANICAL (GENERAL): AT POINT OF VAPOR OR MIST RELEASE.

SPECIAL: NONE

OTHER: NONE

PROTECTIVE GLOVES: YES

EYE PROTECTION:

CHEMICAL SPLASH GOGGLES.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

HYGENIC PRACTICES:

WASH HANDS BEFORE EATING OR USING THE WASHROOM.

GOOD HOUSEKEEPING.

SECTION IX: SPECIAL PRECAUTIONS/TRANSPORTATION INFORMATION

REGULATORY DATA:

D.O.T. SHIPPING NAME:

D.O.T. HAZARD CLASS: COMBUSTIBLE.

D.O.T. ID NUMBER (UN OR NA): UN-1263

IATA SHIPPING NAME:

IATA HAZARD CLASS: N/A

IATA IMO NO.: NONE

ORM-D QUALIFYING CHEMICAL: N/A

HAZARD LABEL OR MARKING REQUIRED ON SHIPPING CARTON: N/A

HANDLING AND STORAGE PRECAUTIONS:

MATERIAL CAN BURN.

LIMIT INDOOR STORAGE TO APPROVED AREAS AREA EQUIPPED WITH AUTOMATIC SPRINKLERS.

STORE AWAY FROM HEAT AND SOURCES OF IGNITION.

LOW TEMPERATURE CAN CAUSE HANDLING PROBLEMS, VISCOSITY OF MATERIAL WILL INCREASE.

OTHER PRECAUTIONS:

NONE.

SECTION X: SARA TITLE III

SARA - SECTION 313 SUPPLIER NOTIFICATION

THIS PRODUCT CONTAINS A CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372. THIS LAW REQUIRES CERTAIN MANUFACTURERS TO REPORT ON ANNUAL EMISSIONS OF SPECIFIED TOXIC CHEMICALS AND CHEMICAL CATEGORIES.

CAS #	CHEMICAL NAME	PERCENT BY WEIGHT
64742-95-6	AROMATIC NAPHTHA	82.5
71-55-6	1,1,1-TRICHLOROETHANE	17.5

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.

TSCA:

THIS PRODUCT IS LISTED IN THE TSCA INVENTORY AS A UVCB (UNKNOWN VARIABLE COMPOSITION OF BIOLOGICAL) CHEMICAL AT CAS REGISTRY NUMBER 64742-96-6.

CERCLA:

IF THE REPORTABLE QUANTITY OF THIS PRODUCT IS ACCIDENTALLY SPILLED, THE INCIDENT IS SUBJECT TO THE PROVISIONS OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA) AND MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER BY CALLING 1-800-424-8802. THE REPORTABLE SPILL QUANTITY OF THIS PRODUCT IS 5,000 POUNDS.

THIS PRODUCT CONTAINS TRICHLOROETHANE 1-1-1.

SARA TITLE III:

UNDER THE PROVISIONS OF TITLE III, SECTIONS 311/312 OF THE SUPER FUND AMENDMENTS AND REAUTHORIZATION ACT, THIS PRODUCT IS CLASSIFIED INTO THE FOLLOWING CATEGORIES:

DELAYED HEALTH
FIRE

FEDERAL:

FDA:
USDA:
TSCA:

IS THIS PRODUCT OR ALL ITS INGREDIENTS, BEING CERTIFIED FOR INCLUSION ON THE TOXIC SUBSTANCE CONTROL ACT INVENTORY OF CHEMICAL SUBSTANCES?:

YES