

**MATERIAL SAFETY DATA SHEET**  
**Rosco Laboratories Inc.**

**COLORINE THINNER**  
**P. 1 OF 5**

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**SECTION I: PRODUCT INFORMATION**

NUMBER: 7680  
NAME: ROSCO COLORINE THINNER  
CLASS: AROMATIC HYDROCARBON

**HMIS HEALTH CODES**  
HEALTH: 1 SLIGHT  
REACTIVITY: 0 MINIMAL  
FLAMMABILITY: 2 MODERATE  
PROTECTIVE EQUIPMENT: B

**SECTION II: HAZARDOUS INGREDIENTS**

INGREDIENT	PERCENT BY WEIGHT	C.A.S REGISTRY NO	PEL OSHA	TLV ACGIH	OTHER
AROMATIC PETROLEUM DISTILLATES	100.00	64742-95-6	100PPM	NE*	

\*TLV NOT ESTABLISHED FOR THIS MATERIAL.

THIS ITEM CONTAINS APPROX. 7% XYLENE (CAS# 1330-20-7) WHICH HAS A PEL OF 100PPM, A TLV OF 100PPM AND AN STEL OF 150 PPM; APPROX. 3% CUMENE (CAS# 98-82-8) WHICH HAS A PEL OF 50PPM-SKIN AND A TLV OF 50 PPM-SKIN; APPROX 40% TRIMETHYLBENZENE (CAS# 25551-13-7) WHICH HAS A TLV OF 25PPM. THE PEL LISTED FOR THIS ITEM IS FOR COAL TAR NAPHTHA, BASED ON E ACGIH DOCUMENTATION FOR COAL TAR NAPHTHA.

THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.

**THIS PRODUCT IS CONSIDERED TO BE A HAZARDOUS SUBSTANCE UNDER THAT STANDARD.**

**SECTION III: PHYSICAL DATA**

BOILING POINT:	308-355°	FREEZING RANGE:	NA
VAPOR PRESSURE (mm Hg):	3.0	VAPOR DENSITY(AIR = 1):	4.15
SPECIFIC GRAVITY:	.865	H2O SOLUBLE:	N
EVAPORATION RATE:	25.00	H2O REACTIVE:	NO
(butyl acetate = 1)		DENSITY:	
% VOLATILE BY VOLUME:	100.0%	VOC:	

APPEARANCE AND ODOR: CLEAR LIQUID - CHARACTERISTIC ODOR

**SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

FLASHPOINT: 100-120° F.  
(Method Used): TCC

EXPLOSIVE LIMITS  
LEL: 1.0% UEL: 7.0%

FLAMMABILITY CLASSIFICATION:  
OSHA: NOT REGULATED  
DOT: COMBUSTIBLE DOT ID#: UN-1268

**EXTINGUISHING MEDIA:**

FOAM  
CARBON DIOXIDE  
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:**

VAPOR IS HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION AND IGNITED BY HEAT, PILOT LIGHTS, OTHER FLAMES AND IGNITION SOURCES AT LOCATIONS DISTANT FROM MATERIAL HANDLING POINT.  
NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BEACUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.  
DO NOT EXPOSE THESE CONTAINERS TO HEAT, SPARKS, OR FLAME.

**SECTION V: TOXICOLOGICAL INFORMATION**

INGREDIENT MATERIAL DESCRIPTION	CARCINOGENICITY LISTING			LD50	(mg/kg)	LD50(ppm)
	OSHA	NTP	IARC	(rat)	(rbt)	(rat)
				ORAL	DERMAL	INHAL
AROMATIC PETROLEUM DISTILLATES	NE	NE	NE	NE	NE	NE

**SECTION VI: HEALTH HAZARD DATA**

PERMISSIBLE EXPOSURE LEVEL: 100PPM

**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:

**EFFECTS OF OVEREXPOSURE:**

EYES: CAN CAUSE SEVERE IRRITATION  
SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE IRRITATION  
INHALATION: EXCESSIVE INHALATION CAN CAUSE NASAL AND RESPIRATORY IRRITATION , DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, AND HEADACHES.  
INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA. ASPIRATION OF THIS PRODUCT INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

**EMERGENCY AND FIRST AID PROCEDURES:**

EYE CONTACT: FLUSH WITH WATER (LIFT LIDS) FOR 15 MINUTES. GET MEDICAL ATTENTION.  
SKIN CONTACT: WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. REMOVED CONTAMINATED SHOES PROMPTLY. DISPOSE OF SHOES SATURATED WITH THIS PRODUCT.  
INHALATION: MOVE TO FRESH AIR. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN AND GET MEDICAL ATTENTION.

INGESTION: **DO NOT INDUCE VOMITING** . CALL PHYSICIAN.  
ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.  
GET MEDICAL ATTENTION!  
AVOID CONTACT WITH SKIN OR EYES.

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**SECTION VII: REACTIVITY DATA**

STABILITY:	YES
POLYMERIZATION:	NO
STABILITY CONDITIONS TO AVOID:	NOT APPLICABLE
INCOMPATIBILITY (MATERIALS TO AVOID):	STRONG OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS:	FUMES AND SMOKE, OXIDES OF CARBON MONOXIDE AND/OR CARBON DIOXIDE
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR.
POLYMERIZATION CONDITIONS TO AVOID:	NONE

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**SECTION VIII: SPILL OR LEAK PROCEDURES**

**STEPS FOR 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 METHOD:**

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.

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**SECTION VIII: SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:**

RESPIRATOR, MSHA/NIPSH 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:**

CHEMICAL RESISTANT RUBBER (NITRILE RUBBER).

**EYE PROTECTION:**

CHEMICAL SPLASHPROOF SAFETY GOGGLES TO PROTECT AGAINST SPLASH.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

EYEWASH STATION (FOUNTAIN).  
A SOURCE OF CLEAN WATER AVAILABLE TO FLUSH EYES AND SKIN.

**HYGIENIC PRACTICES:**

WASH HANDS BEFORE EATING OR USING THE WASHROOM.

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**SECTION X: SPECIAL PRECAUTIONS/TRANSPORTATION INFORMATION**

REGULATORY DATA:

D.O.T. SHIPPING NAME: PERTOLEUM DISTILLATES,NOS  
D.O.T. HAZARD CLASS: COMBUSTIBLE LIQUID  
D.O.T. ID NUMBER (UN OR NA): UN-1238  
IATA SHIPPING NAME:  
IATA HAZARD CLASS:  
IATA IMO NO.: NONE  
ORM-D QUALIFYING CHEMICAL: N/A

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

HANDLING AND STORAGE PRECAUTIONS:

NORMAL STORAGE PROCEDURES.  
EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS.

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.**

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**SECTION XI: SARA TITLE III**

CHEMICAL	CAS #	WEIGHT%	FIRE	RELEASE	REACT	ACUTE	CHRON
XYLENE	1330-20-7	7%					
CUMENE	98-82-8	3%					
TRIMETHYLBENZENE	25551-13-7	40%					

**SARA - SECTION 313 SUPPLIER NOTIFICATION**

THIS PRODUCT CONTAINS THE ABOVE TOXIC CHEMICALS 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. THESE PRODUCTS ARE IDENTIFIED BY THE FOLLOWING LEGEND PREFIXED TO THE CAS (CHEMICAL ABSTRACT NUMBER) IN SECTION II OF THIS MSDS. IF THERE ARE NONE THE SECTION WILL BE EMPTY.

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

1. DELAYED HEALTH
2. FIRE

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 OR STATEMENT**

THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910. 1200. THIS PRODUCT IS CONSIDERED TO BE A HAZARDOUS SUBSTANCE UNDER THAT STANDARD. READ INSTRUCTIONS ON LABEL BEFORE USE.

THIS SOLVENT IS EXEMPT IN NY VOC REGULATIONS.

EXPLANATIONS OF SYMBOLS OR ABBREVIATIONS: NE=NOT ESTABLISHED  
NA=NOT AVAILABLE OR APPLICABLE