



THE METRO GROUP, INC.

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Divisions:
Metropolitan Refining
Consolidated Water Conditioning
Cosmopolitan Chemical
Petro Con Chemical

MATERIAL SAFETY DATA SHEET

NFPA HAZARD RATING: HEALTH 2; FIRE 0; REACTIVITY 1; SPECIAL SCALE -; EXTREME 4; HIGH 3; MODERATE 2; SLIGHT 1; NONE 0

SECTION 1: PRODUCT NAME:

VAPORENE 7515

DATE ISSUED: 2/8/95 EMERGENCY NUMBER: 1-800-424-9300 (CHEMTREC)

SECTION 2: HAZARDOUS INGREDIENTS

COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV
GLUTARALDEHYDE	111-30-8	NONE	0.2 PPM

SECTION 3: PHYSICAL DATA

COLOR:	CLEAR	BOILING PT: °F	212.5
ODOR:	PUNGENT	SPECIFIC GRAVITY:	1.030-1.044
MELTING POINT: °F	N/A	PHYSICAL STATE:	LIQUID
SOLUBILITY IN WATER:	COMPLETE	VAPOR PRESS. (mmHg)	18.1
VAPOR DENSITY:	>1	EVAP. RATE:	1

SECTION 4: FIRE AND EXPLOSION DATA

FLASH POINT: DOES NOT BURN FLAMMABILITY LIMITS: LEL: N/A UEL: N/A
 EXTINGUISHING MEDIA: WATER, CARBON DIOXIDE, DRY CHEMICAL.
 SPECIAL FIRE FIGHTING PROCEDURES: VAPORS CAN BE IRRITATING. WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.
 UNUSUAL FIRE OR EXPLOSION HAZARDS: NONE

SECTION 5: REACTIVITY DATA

STABILITY: STABLE
 CONDITIONS TO AVOID: HIGH TEMPERATURES
 COMPATIBILITY: STRONG ACIDS AND ALKALIES CATALYZE AN ALDOL TYPE EXOTHERMIC REACTION.
 HAZARDOUS DECOMPOSITION OR BYPRODUCTS: OXIDES OF CARBON
 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
 CONDITIONS TO AVOID: HIGH TEMPERATURES

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SECTION 6: HEALTH HAZARD DATA

ROUTE OF ENTRY: INHALATION? YES SKIN? YES INGESTION? YES

HEALTH HAZARDS (ACUTE AND CHRONIC): INGESTION - MODERATELY TOXIC. MAY CAUSE MODERATE TO SEVERE IRRITATION OF THE MOUTH, THROAT ESOPHAGUS AND STOMACH. VAPORS ARE IRRITATING. SKIN - WILL LEAD TO REDDENING AND SWELLING. EYES - CAN CAUSE CORNEAL DAMAGE.

CARCINOGENICITY: NTP? NO IARC Monographs? NO OSHA Regulated? NO

SIGNS AND SYMPTOMS OF EXPOSURE: SEE ABOVE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOT DETERMINED

EMERGENCY AND FIRST AID PROCEDURES: INGESTION - DO NOT GIVE ANYTHING TO DRINK - GET MEDICAL ATTENTION WITH URGENCY. INHALATION - REMOVE TO FRESH AIR - GET MEDICAL ATTENTION. SKIN - WASH WITH SOAP AND WATER - GET MEDICAL ATTENTION IF REDNESS DEVELOPS. EYES - FLUSH WITH WATER FOR 15 MINUTES - GET IMMEDIATE MEDICAL ATTENTION.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: TOXIC TO FISH. MIX WITH DIBASIC AMMONIUM PHOSPHATE FOR 24 HOURS TO NEUTRALIZE.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINER CLOSED AND COOL.

OTHER PRECAUTIONS: NONE

SECTION 8: CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE

VENTILATION:
LOCAL EXHAUST: ADVISED

SPECIAL: NONE

MECHANICAL (GENERAL): ADVISED

OTHER: NONE

PROTECTIVE GLOVES: ADVISED

EYE PROTECTION: GOGGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: RUBBER BOOTS AND CHEMICAL APRON.

WORK/HYGIENIC PRACTICES: WASH HANDS AFTER USE.