

44110080

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: WASH V-120
PRODUCT CODE: B010003

HMIS CODES: H F R P
2 2 0 X

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: VARN PRODUCTS
ADDRESS: 905 SOUTH WESTWOOD, ADDISON, ILLINOIS 60101
EMERGENCY PHONE: (800) 424-9300 INFORMATION PHONE: (800) 336-8276
DATE REVISED : 08-28-96 NAME OF PREPARER : VARN PRODUCTS CO.
REASON REVISED : UPDATE; SUPERSEDES ALL PREVIOUS REVISIONS.

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	OTHER		
*PETROLEUM NAPHTHA	64742-95-6	N/E	N/E	50 ppm	2.7 68F	47
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	100 ppm	100 ppm	150ppmSTEL	0.2 68F	5
1,8(9)-P-MENTHADIENE	5989-27-5	N/E	N/E	125 ppm	2.0 68F	< 5.0%
PETROLEUM NAPHTHA	64742-88-7	100 ppm	100 ppm		2.8 68F	45

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
WASH V-120 CONTAINS 12% 1,2,4-TRIMETHYLBENZENE CAS# 95-63-6 AND 1.4% XYLENE CAS# 1330-20-7 BY WEIGHT WHICH ARE COMPONENTS OF PETROLEUM NAPHTHA CAS# 64742-95-6. ALL INGREDIENTS LISTED IN THE EPA TSCA INVENTORY.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 310 to 356 Deg F SPECIFIC GRAVITY (H2O=1): 0.8
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
MATERIAL V.O.C.: 6.78 LB/GL (812 G/L)
SOLUBILITY IN WATER: EMULSIBLE VAPOR PRESSURE: 2.60 mmHg @20 Deg C
APPEARANCE AND ODOR: CLEAR, LIGHT YELLOW LIQUID - MILD PETROLEUM ODOR

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 106 Deg F METHOD USED: TAG CC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0% UPPER: 6.5%

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS (MSHA/NIOSH APPROVED) AND FULL PROTECTIVE GEAR. WATER MAY NOT BE EFFECTIVE TO EXTINGUISH FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS AND TO PROTECT PERSONNEL.

UNUSUAL FIRE AND EXPLOSION HAZARDS

TREAT AS PETROLEUM FIRE.

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UNUSUAL FIRE AND EXPLOSION HAZARDS

TREAT AS PETROLEUM FIRE.

===== SECTION V - REACTIVITY DATA =====

**STABILITY: STABLE
CONDITIONS TO AVOID**

AVOID EXCESS HEAT AND SOURCES OF IGNITION.

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID MIXING WITH STRONG OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

BURNING WILL PRODUCE OXIDES OF CARBON AND DENSE SMOKE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

BREATHING HIGH CONCENTRATIONS OF VAPORS WILL CAUSE IRRITATION OF THE NOSE AND THROAT AND CAUSE SIGNS OF CENTRAL NERVOUS SYSTEM DEPRESSION SUCH AS HEADACHE, DROWSINESS AND DIZZINESS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN AND EYE CONTACT MAY PRODUCE MODERATE IRRITATION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

A SINGLE, PROLONGED EXPOSURE IS NOT LIKELY TO RESULT IN THE MATERIAL BEING ABSORBED THROUGH THE SKIN IN HARMFUL AMOUNTS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INGESTION MAY CAUSE GASTRO-INTESTINAL IRRITATION AND POSSIBLE DAMAGE TO VITAL ORGANS. FOLLOW FIRST AID PROCEDURES.

HEALTH HAZARDS (ACUTE AND CHRONIC)

REPEATED OR ABUSIVE BREATHING OF CONCENTRATED VAPORS MAY EFFECT PULMONARY, CARDIOVASCULAR AND CENTRAL NERVOUS SYSTEM AND CAUSE LIVER AND KIDNEY EFFECTS. REPEATED SKIN CONTACT WILL DRY OUT AND CRACK SKIN. ASPIRATION HAZARD IF SWALLOWED; ASPIRATION OF LIQUID INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

THIS PRODUCT CONTAINS NO KNOWN CARCINOGENS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

SKIN CONTACT MAY AGGRAVATE PRE-EXISTING DERMATITIS.

EMERGENCY AND FIRST AID PROCEDURES

EYES: HOLD EYELID OPEN AND FLUSH WITH WATER FOR 15 MINUTES. CONTACT A PHYSICIAN IF IRRITATION PERSISTS.

SKIN: WASH WITH SOAP AND WATER.

INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. SEEK MEDICAL ATTENTION IMMEDIATELY.

RESPIRATION: MOVE TO FRESH AIR, GIVE OXYGEN IF BREATHING IS LABORED.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

ELIMINATE ALL IGNITION SOURCES. SPILLS SHOULD BE DIKED AND KEPT FROM ENTERING THE SEWER. SOAK UP WITH ABSORBENT OR TRANSFER LIQUID INTO A CLOSED CONTAINER FOR LATER DISPOSAL.

WASTE DISPOSAL METHOD

IF THIS PRODUCT, AS SUPPLIED, BECOMES A WASTE IT IS REGULATED BY RCRA AS IGNITABLE WASTE, EPA I.D. #D001. SUITABLE METHODS OF DISPOSAL INCLUDE RECLAMATION AND FUEL BLENDING. CONTACT A LICENSED HAZARDOUS WASTE HAULER FOR MORE INFORMATION.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

CONTAINERS SHOULD BE GROUNDED BEFORE TRANSFERRING PRODUCT. STORE IN THE ORIGINAL CLOSED CONTAINER AWAY FROM SUNLIGHT, EXCESS HEAT, SPARKS, FLAMES, AND OTHER SOURCES OF IGNITION. AVOID SKIN CONTACT. AVOID BREATHING VAPORS. WHEN TRANSFERRING OR USING THIS PRODUCT, WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT.

OTHER PRECAUTIONS

DOT PROPER SHIPPING NAME: COMBUSTIBLE LIQUID N.O.S. (NAPHTHA), HAZARD CLASS: COMBUSTIBLE LIQUID, UN NUMBER: NA1993, PACKING GROUP: III
PRODUCT IS CLASSIFIED AS AN OSHA CLASS II COMBUSTIBLE LIQUID.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

THE USE OF RESPIRATORY PROTECTION IS ADVISED WHEN CONCENTRATIONS EXCEED THE ESTABLISHED EXPOSURE LIMITS IN SECTION II. DEPENDING ON THE AIRBORNE CONCENTRATION, USE A RESPIRATOR WITH APPROPRIATE ORGANIC VAPOR CARTRIDGES (NIOSH APPROVED).

VENTILATION

IF CURRENT VENTILATION PRACTICES ARE NOT ADEQUATE TO MAINTAIN AIRBORNE CONCENTRATIONS BELOW THE ESTABLISHED EXPOSURE LIMITS IN SECTION II, ADDITIONAL GENERAL VENTILATION OR LOCAL EXHAUST SYSTEM IS REQUIRED.

PROTECTIVE GLOVES

WEAR SOLVENT RESISTANT GLOVES MADE OF NITRILE OR BUTYL RUBBER.

EYE PROTECTION

WEAR SAFETY GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

A PERSONAL PROTECTIVE RATING OF X MEANS YOU MUST SEE YOUR SUPERVISOR FOR GUIDANCE. OSHA REGULATIONS (29CFR PART 1910, SUBPART I) REQUIRE EMPLOYERS TO EVALUATE PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS IN THE WORKPLACE.

WORK/HYGIENIC PRACTICES

WASH WITH SOAP AND WATER AFTER PRODUCT CONTACT WITH SKIN.

===== SECTION IX - DISCLAIMER =====

DISCLAIMER

THE INFORMATION ON THIS MSDS IS BELIEVED TO BE ACCURATE AS OF THE DATE SHOWN IN SECTION I. SINCE THE USE OF THIS PRODUCT IS NOT UNDER THE CONTROL OF VARN, IT IS THE USER'S RESPONSIBILITY TO DETERMINE WHAT CONSTITUTES SAFE USAGE FOR A PARTICULAR PRODUCT. THIS FORM MAY BE REPRODUCED IN QUANTITIES NECESSARY TO MEET YOUR REQUIREMENTS.