

III HEALTH EFFECT INFORMATION**EYE CONTACT**

AVOID EYE CONTACT. THIS PRODUCT MAY BE SLIGHTLY IRRITATING TO THE EYES UPON DIRECT CONTACT. BASED ON TESTING OF SIMILAR PRODUCTS AND/OR COMPONENTS. EXPOSURE TO HIGH CONCENTRATIONS OF VAPORS MAY BE IRRITATING TO THE EYES.

SKIN CONTACT

AVOID SKIN CONTACT. THIS PRODUCT MAY CAUSE SLIGHT SKIN IRRITATION UPON DIRECT CONTACT. BASED ON TESTING OF SIMILAR PRODUCTS AND/OR COMPONENTS. PROLONGED OR REPEATED CONTACT MAY RESULT IN CONTACT DERMATITIS WHICH IS CHARACTERIZED BY DRYNESS, CHAPPING, AND REDDENING. THIS CONDITION MAY MAKE THE SKIN MORE SUSCEPTIBLE TO OTHER IRRITANTS, SENSITIZERS, AND DISEASE. PRE-EXISTING SKIN CONDITIONS MAY MAKE THE SKIN MORE SUSCEPTIBLE AND FACILITATE UPTAKE BY THIS ROUTE. MAY BE ABSORBED THROUGH SKIN. SEE HEALTH DATA SECTION BELOW.

INHALATION

AVOID PROLONGED INHALATION OF VAPORS. THIS PRODUCT MAY BE CONSIDERED A LOW HEALTH HAZARD UNLESS INHALED IN VERY HIGH CONCENTRATIONS. ACUTE AND CHRONIC EXPOSURE TO VAPORS MAY BE IRRITATING TO THE RESPIRATORY TRACT. SEVERE INTOXICATION MAY LEAD TO DROWSINESS, DULLNESS, NUMBNESS, AND HEADACHE FOLLOWED BY DIZZINESS, WEAKNESS, AND NAUSEA. EXPOSURE TO EVEN HIGHER CONCENTRATIONS MAY LEAD TO LOSS OF CONSCIOUSNESS AND CONVULSIONS FOLLOWED BY DEATH. AT EXTREMELY HIGH CONCENTRATIONS WHERE OXYGEN DISPLACEMENT IS A FACTOR, ASPHYXIATION MAY OCCUR. SEE HEALTH DATA SECTION BELOW. SEE SECTION IX, MISCELLANEOUS, FOR ADDITIONAL INFORMATION.

INGESTION

DO NOT INGEST. INGESTION OF SMALL QUANTITIES IS USUALLY NONFATAL UNLESS ASPIRATION OCCURS. ASPIRATION MAY LEAD TO CHEMICAL PNEUMONITIS WHICH IS CHARACTERIZED BY PULMONARY EDEMA AND HEMORRHAGE AND MAY BE FATAL. SIGNS OF LUNG INVOLVEMENT INCLUDE INCREASED RESPIRATORY RATE, INCREASED HEART RATE, AND A BLUISH DISCOLORATION OF THE SKIN. COUGHING, CHOKING, AND GAGGING ARE OFTEN NOTED AT THE TIME OF ASPIRATION. GASTROINTESTINAL DISCOMFORT MAY DEVELOP, FOLLOWED BY VOMITTING WITH A FURTHER RISK OF ASPIRATION. SEVERE ORAL INTOXICATION WILL LEAD TO INTENSE BURNING OF THE THROAT AND MAY RESULT IN DROWSINESS, DULLNESS, NUMBNESS, AND HEADACHE FOLLOWED BY DIZZINESS, WEAKNESS, AND NAUSEA. LOSS OF CONSCIOUSNESS AND CONVULSIONS FOLLOWED BY DEATH MAY RESULT. SEE HEALTH DATA SECTION BELOW.

HEALTH DATA

THIS PRODUCT CONTAINS PETROLEUM NAPHTHAS AND/OR SOLVENTS WHICH ARE A COMPLEX BLEND OF LIGHT PETROLEUM DISTILLATES. SOME OF THE COMPONENTS OF THESE BLENDS ARE CONSIDERED UNIQUELY TOXIC AT HIGH CONCENTRATIONS, SUCH AS BENZENE (BONE MARROW DISORDERS INCLUDING LEUKEMIA AND ANEMIA), AND N-HEXANE (PERIPHERAL NEUROPATHY). AT THE LOW CONCENTRATIONS AT WHICH THEY ARE PRESENT IN THIS BLEND HOWEVER, AND AT THE LOW EXPOSURE LEVELS AT WHICH THEY ARE ENCOUNTERED AS VAPORS, THESE COMPONENTS DO NOT PRESENT A SIGNIFICANT RISK. LIGHT HYDROCARBONS SUCH AS STODDARD SOLVENT, VM & P NAPHTHA AND C10-C11 ISOPARAFFIN PRODUCED KIDNEY DAMAGE IN MALE RATS ONLY BUT NOT IN FEMALE RATS OR MICE. THE RELEVANCE OF MALE RAT NEPHROPATHY TO HUMANS IS PRESENTLY UNKNOWN. VARIOUS NAPHTHAS TESTED WERE NOT CARCINOGENIC IN MOUSE SKIN PAINTING BIO-ASSAYS. THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) HAS CONCLUDED THAT PETROLEUM SOLVENTS ARE GROUP 3 SUBSTANCES, "NOT CLASSIFIABLE AS TO THEIR CARCINOGENICITY TO HUMANS." THIS PRODUCT IS NOT CARCINOGENIC ACCORDING TO THE OSHA HAZARD COMMUNICATION STANDARD.

IV EMERGENCY & FIRST AID PROCEDURES**EYE CONTACT**

IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER AND CONTINUE FLUSHING UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

SKIN CONTACT

REMOVE CONTAMINATED CLOTHING. WASH CONTAMINATED AREA THOROUGHLY WITH SOAP AND WATER. USE A HAND OR SKIN LOTION TO PREVENT DRYNESS. IF REDNESS OR IRRITATION OCCURS, SEEK MEDICAL ATTENTION.

INHALATION

IF VICTIM EXHIBITS SIGNS OF VAPOR INTOXICATION REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED OR IS IRREGULAR, ADMINISTER ARTIFICIAL RESPIRATION AND SUPPLY OXYGEN IF IT IS AVAILABLE. IF VICTIM IS UNCONSCIOUS, REMOVE TO FRESH AIR AND SEEK IMMEDIATE MEDICAL ATTENTION.

INGESTION

DO NOT INDUCE VOMITING DUE TO ASPIRATION HAZARD. IF VOMITING OCCURS LOWER HEAD BELOW KNEES TO AVOID ASPIRATION. SEEK IMMEDIATE MEDICAL ATTENTION.

V PERSONAL HEALTH PROTECTION INFORMATION**EYE
PROTECTION**

EYE PROTECTION IS NOT REQUIRED UNDER CONDITIONS OF NORMAL USE. IF MATERIAL IS HANDLED SUCH THAT IT COULD BE SPLASHED INTO EYES, WEAR PLASTIC FACE SHIELD OR SPLASH-PROOF SAFETY GOGGLES.

**SKIN
PROTECTION**

NO SKIN PROTECTION IS REQUIRED FOR SINGLE, SHORT DURATION EXPOSURES. FOR PROLONGED OR REPEATED EXPOSURES, USE IMPERVIOUS SYNTHETIC RUBBER CLOTHING (BOOTS, GLOVES, APRONS, ETC.) OVER PARTS OF THE BODY SUBJECT TO EXPOSURE. LAUNDER SOILED CLOTHES. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES INCLUDING SHOES, WHICH CANNOT BE DECONTAMINATED.

**RESPIRATORY
PROTECTION**

IF CONCENTRATIONS ARE LESS THAN 10 TIMES THE LIMITS IN SECTION II OR IX, USE AN ORGANIC VAPOR RESPIRATOR. IF CONCENTRATIONS ARE GREATER THAN 10 TIMES THE LIMITS IN SECTION II OR IX, USE A SUPPLIED AIR RESPIRATOR OR A SELF-CONTAINED BREATHING APPARATUS. ALL RESPIRATORS MUST BE NIOSH CERTIFIED. DO NOT USE COMPRESSED OXYGEN IN HYDROCARBON ATMOSPHERES.

VENTILATION

ADEQUATE VENTILATION IN ACCORDANCE WITH GOOD ENGINEERING PRACTICE MUST BE PROVIDED TO MAINTAIN CONCENTRATIONS BELOW THE SPECIFIED EXPOSURE OR FLAMMABLE LIMITS. SEE ALSO FIRE PROTECTION INFORMATION IN SECTION VI.

OTHER

CONSUMPTION OF FOOD AND BEVERAGE SHOULD BE AVOIDED IN WORK AREAS WHERE HYDROCARBONS ARE PRESENT. ALWAYS WASH HANDS AND FACE WITH SOAP AND WATER BEFORE EATING, DRINKING, OR SMOKING.

VI FIRE PROTECTION INFORMATION

FLASH POINT > 140 F

TEST METHOD P.M.C.C.

AUTOIGNITION TEMPERATURE NO DATA

TEST METHOD NO DATA

FLAMMABLE LIMITS IN AIR % BY VOL.

LOWER 1.1

UPPER 6.0

EXTINGUISHING
MEDIA

USE DRY CHEMICAL, FOAM, OR CARBON DIOXIDE.

SPECIAL FIRE
FIGHTING
PROCEDURES

WATER MAY BE INEFFECTIVE BUT CAN BE USED TO COOL CONTAINERS EXPOSED TO HEAT OR FLAME.

UNUSUAL FIRE
AND EXPLOSIVE
CONDITIONS

DENSE SMOKE MAY BE GENERATED WHILE BURNING. CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER OXIDES MAY BE GENERATED AS PRODUCTS OF COMBUSTION.

VII REACTIVITY DATASTABILITY
(THERMAL,
LIGHT, ETC.)

STABLE

CONDITIONS TO
AVOID

NONE

HAZARDOUS
POLYMERIZATION

WILL NOT OCCUR

CONDITIONS TO
AVOID

NONE

INCOMPATIBILITY
MATERIALS TO AVOID

MAY REACT WITH STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION
PRODUCTS

NONE

VIII ENVIRONMENTAL PRECAUTIONS**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

CONSULT HEALTH EFFECT INFORMATION IN SECTION III, PERSONAL HEALTH PROTECTION INFORMATION IN SECTION V, FIRE PROTECTION INFORMATION IN SECTION VI, AND REACTIVITY DATA IN SECTION VII. NOTIFY APPROPRIATE AUTHORITIES OF SPILL. CONTAIN SPILL IMMEDIATELY. DO NOT ALLOW SPILL TO ENTER SEWERS OR WATERCOURSES. REMOVE ALL SOURCES OF IGNITION. PROVIDE ADEQUATE VENTILATION DURING CLEAN-UP. ABSORB WITH SOLVENT ABSORBENT MATERIAL. LARGE SPILLS MAY BE PICKED UP USING VACUUM PUMPS, SHOVELS, BUCKETS, OR OTHER MEANS AND PLACED IN DRUMS OR OTHER SUITABLE CONTAINERS.

WASTE DISPOSAL METHOD

ALL DISPOSALS MUST COMPLY WITH FEDERAL, STATE, AND LOCAL REGULATIONS. THE MATERIAL, IF SPILLED OR DISCARDED, MAY BE A REGULATED WASTE. REFER TO STATE AND LOCAL REGULATIONS. CAUTION! IF REGULATED SOLVENTS ARE USED TO CLEAN UP SPILLED MATERIAL, THE RESULTING WASTE MIXTURE MAY BE REGULATED. DEPARTMENT OF TRANSPORTATION (DOT) REGULATIONS MAY APPLY FOR TRANSPORTING THIS MATERIAL WHEN SPILLED. WASTE MATERIAL MAY BE LANDFILLED OR INCINERATED AT AN APPROVED FACILITY. MATERIALS SHOULD BE RECYCLED IF POSSIBLE.

IX MISCELLANEOUS**HANDLING AND STORAGE REQUIREMENTS**

DO NOT TRANSFER TO UNMARKED CONTAINERS. STORE IN A COOL, WELL VENTILATED AREA IN CLOSED CONTAINERS AWAY FROM HEAT, SPARKS, OPEN FLAME OR OXIDIZING MATERIALS. THIS PRODUCT IS CLASSIFIED AS COMBUSTIBLE UNDER DOT REGULATIONS. SEE 49 CFR 171 THROUGH 178 FOR SHIPPING REQUIREMENTS. FIRE EXTINGUISHERS SHOULD BE KEPT READILY AVAILABLE. SEE NFPA 30 AND OSHA 1910.106--FLAMMABLE AND COMBUSTIBLE LIQUIDS.

ADDITIONAL INFORMATION

NIOSH RECOMMENDED LIMITS FOR PETROLEUM DISTILLATES ARE 350 MG/M3 (10-HR TWA) AND 1800MG/M3 (STEL).

X PHYSICAL PROPERTIES

BOILING POINT	NO DATA.	PERCENT VOLATILE	NO DATA.
MELTING POINT	NO DATA.	VAPOR DENSITY (AIR=1)	NO DATA.
APPEARANCE	PALE YELLOW.	EVAPORATION RATE (EE=1)	NO DATA.
ODOR	NO DATA.	SPECIFIC GRAVITY	0.815
VAPOR PRESSURE	NO DATA.	MOLECULAR WEIGHT	NO DATA.
SOLUBILITY	NO DATA.		