

NAPA HEAVY DUTY A/F 374-5, 75547024

MSDS Number

CHTMZ

National Stock Number

9150-00N089006

Product Name

NAPA HEAVY DUTY A/F 374-5, 75547024

Manufacturer

VALVOLINE INC

Product Identification

Product ID:NAPA HEAVY DUTY A/F 374-5, 75547024

MSDS Date:04/02/1995

FSC:9150

NIIN:00N089006

Status Code:A

MSDS Number: CHTMZ

Responsible Party

VALVOLINE INC

LEXINGTON , KY 40512

US

Emergency Phone: 800-274-5263

Info Phone: 606-264-7000

Cage: GO029

Contractor

VALVOLINE OIL CO

14000

LEXINGTON, KY 40512

US

606-357-7206 / 800-274-5263

Cage: 72527

Ingredients

ETHYLENE GLYCOL (SARA 313) (CERCLA)

CAS: 107-21-1

RTECS: KW2975000

Fraction By Weight: 90-95%

OSHA PELN/K

ACGIH TLV: 50 PPM, VAPOR, C

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

DIETHYLENE GLYCOL

CAS: 111-46-6

RTECS: ID5950000

Fraction By Weight: 1-5%

OSHA PELN/K

ACGIH TLV: N/K

DIPOTASSIUM PHOSPHATE

CAS: 7758-11-4

OSHA PELN/K

ACGIH TLV: N/K

WATER

CAS: 7732-18-5

RTECS: ZC0110000

OSHA PELN/K

ACGIH TLV: N/K

CORROSION INHIBITORS

OSHA PELN/K

ACGIH TLV: N/K

SILICON SILICATE

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

DEFOAMER

OSHA PELN/K

ACGIH TLV: N/K

DYE

OSHA PELN/K

ACGIH TLV: N/K

ETHYLENE OXIDE (SARA 302/313) (CERCLA) (MAY CONTAIN TRACE

CAS: 75-21-8

RTECS: KX2450000

Fraction By Weight:

OSHA PEL1 PPM

ACGIH TLV: 1 PPM

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

MAY AGGRAVATE PRE-EXISITING DISORDERS OF THESE

RTECS: 9999999ZZ

DOWN. IF INDIVIDUAL IS CONSCIOUS & ALERT,

RTECS: 9999999ZZ

PLACING TWO FINGERS AT BACK OF THROAT. IF POSS, DO

RTECS: 9999999ZZ

DEVELOP, IMMED MOVE INDIVIDUAL AWAY FROM EXPOS &

RTECS: 9999999ZZ

QUIET. IF NOT BRTHG, BEGIN ARTF RESP. IF BRTHG IS

RTECS: 9999999ZZ

GLYCOL. ETHANOL REDUCES METABOLISM OF ETHYLENE

RTECS: 9999999ZZ

SOON AS POSS IN CASES OF SEV POISONING SINCE

RTECS: 9999999ZZ

CARE WILL BE DELAYED SEVERAL HRS, USE THREE TO FOUR

RTECS: 9999999ZZ

BEFORE/DURING TRANSPORT TO HOSPITAL. HEMODIALYSIS

RTECS: 9999999ZZ

SALVAGE TANK, REMAINING LIQ MAY BE TAKEN UP ON

RTECS: 9999999ZZ

& SHOVELED INTO CNTNRS. PVNT RUN-OFF TO SEWERS,

RTECS: 9999999ZZ

NOTIFY PROPER AUTHORITIES AS REQUIRED, THAT A SPILL

RTECS: 9999999ZZ

CNDTNS (SEE INDUS HYGIENIST). ENGINEERING OR

RTECS: 9999999ZZ

EXPOSURE. IF NEEDED USE A NIOSH APPRVD DUST RESP

RTECS: 9999999ZZ

NEOPRENE, NITRILE RUBBER, POLYVINYL CHLORIDE.

RTECS: 9999999ZZ

ONLY. BEFORE USE, REVIEW MSDS FOR MORE DETAILED

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: EXPOS MAY CAUSE MILD EYE IRRIT. SYMPS MAY INCL STINGING, TEARING & REDNESS. SKIN: EXPOS MAY CAUSE MILD SKIN IRRIT. SYMPS MAY INCL REDNESS & BURNING. INHAL: EXPOS TO VAP/MIST IS POSS. SYMPS MAY INCL: IRRIT (NOSE, THROAT, RESP TRACT).INGEST: SINGLE DOSE ORAL TOX IS LOW. SWALLOWING SMALL AMTS (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: DURING NORM HNDLG IS NOT LIKELY TO CAUSE HARMFUL EFTS; SWALLOWING LARGE AMTS MAY BE HARMFUL. SYMPS MAY INCL: GI IRRIT (NAUS, VOMIT, DIARR). CNS DEPRESS (DIZZ, DROW, WEAK, FATG, NAUS, HDCH, U NCON). KIDNEY DMG. CHRONIC: THIS MATL (OR COMPONENT) MAY CAUSE BIRTH DEFECTS IN HUMANS BASED ON POS TEST RSLTS (SUPDAT)

Medical Cond Aggravated by Exposure:PRE-EXISTING LUNG DISORDERS, EG, ASTHMA-LIKE CONDITIONS, MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL & MAY AGGRAVATE PRE-EXISTING KIDNEY DAMAGE, LIVER ABNORMALITIES, CNS EFFECTS.

First Aid

First Aid:SKIN: REMOVE CONTAM CLTHG. WASH EXPOS AREA W/SOAP & WATER. IF SYMPS PERSIST, SEEK MED ATTN. LAUNDER CLTHG BEFORE REUSE. EYES: IF SYMPS DEVELOP, IMMED MOVE AWAY FROM EXPOS & INTO FRESH AIR. FLUSH EYES GENTLY W/WATER FOR AT LST 15 MIN WHILE HOLDING LIDS APART; SEEK IMMED MED ATTN. INGEST: IF SWALLOWED, SEEK MED ATTN. IF DROWSY/UNCON, DO NOT GIVE ANYTHING BY MOUTH (PLACE ON LEFT SIDE W/HEAD (ING 11))

Fire Fighting

Flash Point Method:COC

Flash Point:250F,121C

Lower Limits:3.2%

Extinguishing Media:ALCOHOL FOAM OR CARBON DIOXIDE OR DRY CHEMICAL.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . REFER TO THE PERSONAL PROTECTIVE EQUIPMENT SECTION OF THIS MSDS.

Unusual Fire/Explosion Hazard:NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

Accidental Release

Spill Release Procedures:SM SPILL: ABSORB LIQ ON VERMICULITE, FLOOR ABSORB/OTHER ABSORB MATL. LG SPILL: EXCLUDE PERS NOT WEARING PROT EQUIP FROM SPILL AREA UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE. DIKE AREA OF SPILL TO PVNT SPREADING. PUMP LIQ TO (ING 19)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:CNTNRS OF MATL MAY BE HAZ WHEN EMPTY. SINCE EMPTY CNTNRS RETAIN PROD RESIDUES (VAP, LIQ &/OR SOLID), ALL HAZ PRECS GIVEN IN MSDS MUST BE OBSERVED.

Other Precautions: AVOID CONTACT W/ EYES, SKIN & CLOTHING. WASH THOROUGHLY AFTER HANDLING. WEAR APPROPRIATE PROTECTIVE EQUIPMENT ESSENTIAL FOR YOUR OPERATION. DO NOT TRANSFER TO UNLABELED CONTAINER. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE (ING 25)

Exposure Controls

Respiratory Protection: IF WORKPLACE EXPOSURE LIMIT(S) OF PRODUCT/ANY COMPONENT IS EXCEEDED, NIOSH APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGS ALSO PERMIT OTHER NIOSH APPROVED RESPIRATORS (NEG PRESS TYPE) UNDER SPECIFIED (ING 22)

Ventilation: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: RESISTANT GLOVES SUCH AS: (ING 24)

Eye Protection: ANSI APPROVED CHEM WORKERS GOGGLES.

Other Protective Equipment: ANSI APPROVED EYE WASH & DELUGE SHOWER. TO PREVENT REPEATED/PROLONGED SKIN CONTACT, WEAR IMPERMEABLE CLOTHING & BOOTS.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EFFECTS OF OVEREXPOSURE: W/LAB ANIMALS. OVEREXPOSURE TO THIS MATERIAL (OR ITS COMPONENTS) HAS BEEN SUGGESTED AS CAUSE OF FOLLOWING EFFECTS IN LAB ANIMALS & MAY AGGRAVATE PRE-EXISTING DISORDERS OF THESE ORGANS IN HUMANS: KIDNEY DAMAGE. OVEREXPOSURE TO THIS MATERIAL (OR ITS COMPONENTS) HAS BEEN SUGGESTED AS CAUSE OF FOLLOWING EFFECTS IN HUMANS & (ING 10)

Chemical Properties

Boiling Point: B.P. Text: 330F, 166C

Vapor Pressure: 18 @ 20C

Vapor Density: HVR/AIR

Specific Gravity: 1.128

pH: 9-11

Evaporation Rate & Reference: SLOWER THAN ETHER

Appearance and Odor: GREEN LIQUID; FAINT GLYCOL ODOR.

Percent Volatiles by Volume: 90-95

Stability

Stability Indicator/Materials to Avoid: YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: MAY FORM CARBON DIOXIDE AND CARBON MONOXIDE, VARIOUS HYDROCARBONS, ETC.

Disposal

Waste Disposal Methods: SMALL SPILL: DISPOSAL OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. LARGE SPILL: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

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