

N,N-DIMETHYL-ALPHA-NAPHTHYLAMINE (0.5%), V7055

MSDS Number

BVYRB

National Stock Number

6550-00N054665

Product Name

N,N-DIMETHYL-ALPHA-NAPHTHYLAMINE (0.5%), V7055

Manufacturer

BIOMERIEUX VITEK INC

Product Identification

Product ID:N,N-DIMETHYL-ALPHA-NAPHTHYLAMINE (0.5%), V7055

MSDS Date:07/01/1993

FSC:6550

NIIN:00N054665

MSDS Number: BVYRB

Responsible Party

BIOMERIEUX VITEK INC

595 ANGLUM DR

HAZELWOOD , MO 63042

US

Emergency Phone: 800-638-4835

Info Phone: 800-638-4835

Cage: BIOM1

Contractor

BIOMERIEUX VITEK, INC.

HAZELWOOD, MO 63042

US

800-638-4835

Cage: 4S002

Ingredients

5.4%. UEL

CAS: 64-19-7

RTECS: AF1225000

Fraction By Weight: 28.7%

OSHA PEL10 PPM

ACGIH TLV: 10 PPM; 15 STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

1-NAPHTHYLAMINE, N,N-DIMETHYL-;

CAS: 85-56-6

RTECS: QM2825000

Fraction By Weight: 0.5%

OSHA PELN/K

ACGIH TLV: N/K

WATER; (DISTILLED WATER)

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 70.8%

OSHA PELN/K

ACGIH TLV: N/K

PLACE, MUST BE BASED ON SPECIFIC OPERATION, MUST

RTECS: 9999999ZZ

APPRVD. A FULL FACEPIECE RESP W/ORGANIC VAPOR

RTECS: 9999999ZZ

SUPPLIED AIR RESP W/FULL FACEPIECE OPERATED IN

RTECS: 9999999ZZ

TEFLON OR SARANEX ARE REQUIRED WHERE CONTACT

RTECS: 9999999ZZ

AND FULL LENGTH FACESHIELD .

RTECS: 9999999ZZ

EXPOSED TO ANY IRRIT CHEM, EMPLOYER

RTECS: 9999999ZZ

SHOWER W/IN THE IMMEDIATE WORK AREA FOR EMERGENCY

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:SEE INGREDIENT 1

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

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

Health Hazards Acute and Chronic:INHAL: INHALATION OF VAPORS MAY CAUSE SEVERE IRRIT TO MUC MEMB & RESP TRACT W/SNEEZING, COUGH, & BURNING OF NOSE & THROAT. SEV EXPOS MAY RSLT IN PULM EDEMA W/SYMPs OF SHORTNESS OF BREATH & CHEST PAIN. PULM EDEMA MAY BE FATAL. SKIN: CNTCT MAY CAUSE SEV IRRIT & CHEM BURNS. EYES: CNTCT MAY CAUSE SEV (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: IRRIT & BURNS THAT MAY LEAD TO PERM DMG & POSS BLINDNESS. INGEST: MATL IS VERY DESTRUCTIVE TO ALL TISS. INGEST MAY CUASE SEV BURNS TO MOUTH, THROAT & GI TRACT, VOMIT, ABDOM PAIN, DIARR, COLL APSE, SHOCK & DEATH. CHRONIC: PRLNG &/OR FREQUENT EXPOSURE TO DILUTE ACIDIC SOLUTIONS MAY CAUSE DERMATITIS.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING RESPIRATORY AND/OR SKIN DISEASE MAY BE AT INCREASED RISK FROM EXPOSURE TO THIS PRODUCT.

First Aid

First Aid:INHAL: IMMEDIATELY REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED ADMINISTER ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, HAVE MEDICAL PERSONNEL ADMINISTER OXYGEN. GET IMMEDIATE MEDICAL ATTENTION. SKIN: IMMEDIATELY REMOVE CONTAMINATED CLOTHING. FLUSH CONTACTED AREA WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION. LAUNDRY CLOTHING BEFORE REUSE. DISCARD CONTAMINATED FOOTWEAR IF IT CANNOT BE DECONTAMINATED. EYES: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES (SUPPLY)

Fire Fighting

Flash Point:NONE
Lower Limits:SEE ING 1
Upper Limits:SEE ING 1
Extinguishing Media:PRODUCES NOT COMBUST UNLESS WATER HAS BOILED AWAY. GLACIAL ACETIC ACID IS COMBUSTIBLE. USE DRY CHEMICAL, CARBON DIOXIDE, (SUPPLY)
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT. COOL EXPOSED CONTAINERS WITH WATER.
Unusual Fire/Explosion Hazard:ACETIC ACID VAPORS CAN FORM EXPLOSION MIXTURE WITH AIR. EXPOSURE TO HEAT INCREASES EVOLUTION OF TOXIC & CORROSIVE ACETIC ACID VAPORS. HAZARDOUS COMBUSTION PRODUCTS: ACETIC ACID VAPORS, CO, CO₂.

Accidental Release

Spill Release Procedures:WEAR PROTECTIVE CLOTHING INCLUDING GLOVES, NIOSH/MSHA APPROVED RESPIRATOR, SUIT, CHEMICAL GOGGLES & FACESHIELD. COLLECT SPILLED MATERIAL WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL & PLACE IN CLOSABLE CONTAINER FOR DISPOSAL. WASH SPILL AREA WITH WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN A COOL, DRY LOCATION AWAY FROM OXIDIZERS & OTHER INCOMPATIBLE MATERIALS. KEEP CONTAINERS CLOSED.
Other Precautions:PREVENT CONTACT WITH THE EYES, SKIN & CLOTHING. USE WITH ADEQUATE VENTILATION. AVOID BREATHING VAPORS OR MISTS. DO NOT WEAR CONTACT LENSES.

Exposure Controls

Respiratory Protection:FOLLOWING RESPIRATORS ARE RECOMMENDED BASED ON INFO FOUND IN PHYSICAL & CHEMICAL PROPERTIES, TOXICOLOGICAL INFO & HEALTH HAZARD. THEY ARE RANKED IN ORDER FROM MINIMUM TO MAXIMUM RESPIRATORY PROTECTION. SPECIFIC RESPIRATOR SELECTED MUST BE BASED ON CONTAMINATION LEVELS FOUND IN WORK (ING 4)
Ventilation:PROVIDE SUFFICIENT GENERAL OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURES BELOW THE OCCUPATIONAL EXPOSURE LIMITS.
Protective Gloves:IMPERVIOUS SUCH AS BUTYL RUBBER, (ING 7)
Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES (ING 8)
Other Protective Equipment:APPROPRIATE IMPERVIOUS CLOTHING & FOOTWEAR IS REQUIRED TO PREVENT CONTACT WITH MATERIAL. WHERE THERE IS POSSIBILITY OF EYES &/OR SKIN BEING (ING 9)
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
EXTINGUISHING MEDIA: WATER SPRAY/REGULAR FOAM. FIRST AID PROCEDURE: MINUTE WHILE HOLDING EYELIDS OPEN TO ASSURE ENTIRE SURFACE IS FLUSHED. GET IMMEDIATE MEDICAL ATTENTION. INGESTION: NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS/CONVULSING PERSON. IF CONSCIOUS, RINSE MOUTH WITH WATER OR MILK. GIVE 4-8 OZ MILK/WATER TO DILUTE. DO NOT INDUCE VOMIT. GET IMMEDIATE MEDICAL ATTENTION.

Chemical Properties

Boiling Point:B.P. Text:>212F,>100C
Melt/Freeze Point:M.P/F.P Text:Vapor Pressure:11.4 @ 20C
Vapor Density:SEE ING 1
Specific Gravity:1.01 (H₂O=1)

pH:2
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR LIQUID WITH STRONG VINEGAR ODOR.
Percent Volatiles by Volume:99.5

Stability

Stability Indicator/Materials to Avoid:YES
ALKALIES, OXIDIZERS, CARBONATES, OXIDES, PHOSPHATES, ACETIC ANHYDRIDE.
Stability Condition to Avoid:AVOID EXCESSIVE HEAT.
Hazardous Decomposition Products:THERMAL DECOMPOSITION WILL YIELD TOXIC
AND IRRITATING VAPORS AND GASES.

Disposal

Waste Disposal Methods:DISPOSE OF PRODUCT IN ACCORDANCE WITH ALL LOCAL,
STATE/PROVINCIAL AND FEDERAL REGULATIONS. EMPTY CONTAINERS SHOULD
BE COLLECTED FOR PROPER DISPOSAL.

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