

ENTEK CU-56

MSDS Number

CJJTJ

National Stock Number

6850-00N001150

Product Name

ENTEK CU-56

Manufacturer

ENTHONE OMI INC

Product Identification

Product ID: ENTEK CU-56

MSDS Date: 10/19/1998

FSC: 6850

NIIN: 00N001150

Status Code: A

MSDS Number: CJJTJ

Responsible Party

ENTHONE-OMI INC

NEW HAVEN , CT 06508

US

Emergency Phone: 800-424-9300

Info Phone: 203-934-8611

Preparer: JAMES P. LINK

Cage: 02258

Contractor

NAVY ENVIRONMENTAL HEALTH CENTER

NORFOLK, VA 23513-2617

US

804-444-4657, DSN 564-4657 X 272

Cage: SO010

Ingredients

(ORAL,RAT) 5628 MG/KG.

CAS: 67-56-1

RTECS: PC1400000

OSHA PELS, 200PPM/250STEL

ACGIH TLV: S, 200PPM/250STEL; 93

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

(ORAL,RAT) 560 MG/KG.

CAS: 95-14-7

RTECS: DM1225000

(ORAL,RAT) 11,000

CAS: 127-68-4

RTECS: DB7195000

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Hazards

LD50 LC50 Mixture:SEE INGREDIENTS.

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

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

Health Hazards Acute and Chronic:ACUTE: INHALATION: DIZZINESS, DROWSINESS, DISTURBANCE OF VISION. SKIN CONTACT: CAN CAUSE IRRITATION. EYE CONTACT: CAN CAUSE SEVERE IRRITATION, DAMAGE TO EYES. INGESTION: MAY BE FATAL AND CAN CAUSE BLINDNESS IF SWALLOWED. CHRONIC: PROLONGED EXPOSURE MAY LEAD TO IMPAIRMENT OF VISION.

Explanation of Carcinogenicity:NOT LISTED BY NTP, IARC, OSHA.

Effects of Overexposure:SEE HEALTH HAZARDS.

First Aid

First Aid:SKIN:IMMED WASH CONTAM SKIN W/PLENTY OF WATER FOR 15 MINS. REMOVE CONTAM CLOTH & FOOTWEAR. WASH CLOTH BEFORE REUSE. DISCARD FOOTWEAR IF IT CANNOT BE DECONTAM. SEEK IMMEDIATE MED ATTENTION. EYES:IMMED FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS HOLDING LIDS APART TO ENSURE FLUSHING OF ENTIRE SURF. WASHING W/IN SEVERAL SECS OF EXPOSURE IS ESSENTIAL TO MINIMIZE DAMAGE. SEEK IMMEDIATE MED ATTENTION. INGESTION:NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSONS, OBTAIN IMMEDIATE MED ATTENTION. IF VOMIT OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAR. IF SWALLOWED DO NOT INDUCE VOMIT, GIVE SMALL AMOUNTS OF WATER. SEEK IMMEDIATE MED ATTENTION. INHALATION:REMOVE PERSONS FROM CONTAMINATED AREA. IF BREATHING HAS STOPPED, (SEE SUPPLEMENTARY DATA)

Fire Fighting

Flash Point Method:CC

Flash Point:=-26.7C, 80.F

Extinguishing Media:USE WATER FOG OR SPRAY, CARBON DIOXIDE, DRY CHEMICAL OR ALCOHOL FOAM.

Fire Fighting Procedures:WEAR NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT. KEEP CONTAINERS COOL TO PREVENT RUPTURE & RELEASE OF MATERIAL.

Unusual Fire/Explosion Hazard:AT HIGH TEMPERATURES MAY RELEASE TOXIC OXIDES OF NITROGEN & SULFUR. HMIS HAZARD RATING: HEALTH - 2; FIRE - 3; REACTIVITY - 1.

Accidental Release

Spill Release Procedures:AVOID CONTACT W/SKIN, EYES & CLOTHING. WEAR PROTECTIVE EQUIPMENT. DO NOT BREATHE MIST OR VAPORS. ELIMINATE SOURCES OF IGNITION SUCH AS HEAT, SPARKS & OPEN FLAMES. ENSURE THAT AREA IS PROPERLY VENTILATED. CONTAIN SPILL & SOAK UP IN SUITABLE ABSORBENT. SHOVEL INTO PLASTIC-LINED STEEL CONTAINERS & COVER. DISPOSE OF I/A/W LOCAL, STATE & FEDERAL REGULATIONS

Handling

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE. KEEP AWAY FROM HEAT, SPARKS & OPEN FLAME. LOOSEN COVER CAUTIOUSLY WHEN OPENING.

Other Precautions:ADDITIONAL INFO: USE EXPLOSION PROOF ELECTRICAL EQUIPMENT.

Exposure Controls

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR WHEN AIR CONCENTRATION IS GREATER THAN THE TLV OR PEL. USE NIOSH APPROVED

CARTRIDGE FILTER FOR ORGANIC VAPORS.
Ventilation:LOCAL EXHAUST RECOMMENDED.
Protective Gloves:NEOPRENE OR NATURAL RUBBER GLOVES.
Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES & FULL LENGTH
FACESHIELD .
Other Protective Equipment:EYE WASH & DELUGE SHOWER MEETING ANSI DESIGN
CRITERIA . CHEMICALLY RESISTANT COVERALLS, HAT & SHOES OR BOOTS.
USE EXPLOSION PROOF ELECTRICAL EQUIPMENT.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
FIRST AID PROC: RESUSCITATE & ADMINISTER OXYGEN IF AVAILABLE. SEEK
IMMEDIATE MEDICAL ATTENTION.

Chemical Properties

Boiling Pt: =77.8C, 172.F
Melt/Freeze Pt: <-17.8C, 0.F
Vapor Pres:55 MM HG @ 0F
Spec Gravity:0.950
pH:7.8
Evaporation Rate & Reference:FASTER/N-BUTYL ACETATE
Solubility in Water:COMPLETE
Appearance and Odor:LIGHT AMBER LIQUID; ALCOHOLIC ODOR.
Percent Volatiles by Volume:45 (WT)

Stability

Stability Indicator/Materials to Avoid:YES
ALKALI METALS, CONCENTRATED NITRIC & SULFURIC ACIDS & ACEYL CHLORIDES.
Stability Condition to Avoid:STABLE UNDER NORMAL CONDITIONS.
Hazardous Decomposition Products:TOXIC OXIDES OF NITROGEN & SULFUR,
NITROAROMATICS. OXIDES OF CARBON.
Conditions to Avoid Polymerization:HAZARDOUS POLYMERIZATION WILL NOT
OCCUR.

Disposal

Waste Disposal Methods:FOR WASTE DISPOSAL OF SPENT, SPILLED OR
CONTAMINATED PRODUCT CONTACT A PERMITTED TSD (TREATMENT, STORAGE
AND DISPOSAL FACILITY). DISPOSE OF I/A/W ALL APPLICABLE LOCAL,
STATE & FEDERAL REGULATIONS.

Other Information

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.

Ecology

Ecological:ECOLOGICAL INFORMATION ON THIS PRODUCT IS NOT AVAILABLE.

Transport

Transport Information:PLEASE CONTACT THE REGULATORY AFFAIRS DEPARTMENT
AT (203) 799-4917 FOR THE MOST CURRENT SHIPPING INFORMATION.

Regulatory

SARA Title III Information:SARA TITLE III SECTION 313: THIS PRODUCT
CONTAINS FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING
REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY
RIGHT TO KNOW ACT OF 1986 AND O F 40 CFR 372: METHANOL - CAS
#67-56-1 - Federal Regulatory Information:THIS MSDS MAY BE USED TO COMPLY WITH
OSHA'S HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200. ALL
INGREDIENTS COMPLY WITH APPLICABLE RULES OR ORDERS UNDER TSCA. EEC
RISK PHRASES: R10: FLAMMABLE. R23/25 : TOXIC BY INHALATION & IF
SWALLOWED. S36/37: WEAR SUITABLE PROTECTIVE CLOTHING & GLOVES.
State Regulatory Information:THIS PRODUCT DOES NOT CONTAIN ANY

CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR BIRTH DEFECTS (TO COMPLY WITH CALIFORNIA STATUTE (SECTION 25249.6)).