

N,N-DIMETHYLACETAMIDE DMAC, 0400357

MSDS Number

BQRPB

National Stock Number

6810-00N037071

Product Name

N,N-DIMETHYLACETAMIDE DMAC, 0400357

Manufacturer

E M SCIENCE

Product Identification

Product ID:N,N-DIMETHYLACETAMIDE DMAC, 0400357

MSDS Date:02/24/1990

FSC:6810

NIIN:00N037071

MSDS Number: BQRPB

Responsible Party

E M SCIENCE

111 WOODCREST RD

CHERRY HILL , NJ 08034-0395

US

Emergency Phone: 800-424-9300(CHEMTREC)

Info Phone: 513-631-0445

Cage: 0SK29

Contractor

E M SCIENCE DIV OF E M INDUSTRIES INC

70

GIBBSTOWN, NJ 08027

US

800-222-0342/609-423-6300

Cage: 63612

Ingredients

ACETAMIDE,N,N-DIMETHYL-; (N,N-DIMETHYLACETAMIDE)

CAS: 127-19-5

RTECS: AB7700000

Fraction By Weight: 100%

OSHA PEL10 PPM, S

ACGIH TLV: 10 PPM, S

Hazards

LD50 LC50 Mixture:LD50 (ORAL,RAT): 5000 MG/KG.

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

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

Health Hazards Acute and Chronic:HARMFUL IF INHALED, SWALLOWED, OR ABSORBED THROUGH SKIN. IRRITATING ON CONTACT WITH SKIN, EYES, OR MUCOUS MEMBRANES. VAPOR IRRITATING TO EYES AND RESPIRATORY PASSAGES. MAY CAUSE DAMAGE TO LIVER AND RESPIRATORY SYSTEM. MAY CAUSE HEADACHE, NAUSEA, TEARING, DIZZINESS AND JAUNDICE.

Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:DATA NOT AVAILABLE.

First Aid

First Aid:GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE. SKIN:
IMMEDIATELY FLUSH THOROUGHLY WITH LARGE AMOUNTS OF WATER. EYES:
IMMEDIATELY FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES.
INHALATION: REMOVE TO FRESH AIR; GIVE ARTIFICIAL RESPIRATION IF
BREATHING HAS STOPPED. INGESTION: GET IMMEDIATE MEDICAL ATTENTION.

Fire Fighting

Flash Point Method:OC
Flash Point:158F,70C
Lower Limits:1.8%
Upper Limits:11.5%
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:MODERATE FIRE AND EXPLOSION HAZARD. VAPOR
CAN TRAVEL DISTANCES TO IGNITION SOURCE AND FLASH BACK.

Accidental Release

Spill Release Procedures:DIKE SPILL, TAKE UP WITH ABSORBENT AND
CONTAINERIZE FOR PROPER DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE
IN A COOL, DRY AREA AWAY FROM IGNITION SOURCES AND OXIDIZERS.
Other Precautions:DO NOT BREATHE VAPOR. DO NOT GET IN EYES, ON SKIN, OR
ON CLOTHING. ELECTRICALLY GROUND ALL EQUIPMENT WHEN HANDLING THIS
PRODUCT. RETAINED RESIDUE MAY MAKE EMPTY CONTAINERS HAZARDOUS; USE
WITH CAUTION.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR SHOULD BE WORN IN
ABSENCE OF ADEQUATE VENTILATION.
Ventilation:MUST BE HANDLED OR TRANSFERRED IN AN APPROVED FUME HOOD OR
WITH ADEQUATE VENTILATION.
Protective Gloves:BUTYL RUBBER OR EQUIVALENT GLOVES.
Eye Protection:CHEMICAL WORKERS GOGGLES. ADD (SUP DATA)
Other Protective Equipment:IMPERVIOUS PROT CLTHG SHOULD BE WORN TO
PREVENT SKIN CONT. EYE WASH AND SAFETY EQUIPMENT SHOULD BE READILY
AVAILABLE.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. DO NOT TAKE
INTERNALLY.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER. EYE PROTECTION: FULL LENGTH FACESHIELD
TO GOGGLES .

Chemical Properties

HCC:C2
Boiling Pt:B.P. Text:165F,74C
Melt/Freeze Pt:M.P/F.P Text:-20F,-29C
Vapor Pres:1.3 @ 25C
Vapor Density:3
Spec Gravity:0.945
Evaporation Rate & Reference:0.17
Solubility in Water:MISCIBLE
Appearance and Odor:CLEAR LIQUID, AMMONIA ODOR.
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
OXIDIZERS, HALOGENATED COMPOUNDS.
Stability Condition to Avoid:HEAT, CONTACT WITH IGNITION SOURCE.

Hazardous Decomposition Products: NH_3 , OXIDES OF CARBON.

Disposal

Waste Disposal Methods: TO BE PERFORMED IN COMPLIANCE WITH ALL CURRENT LOCAL, STATE AND FEDERAL REGULATIONS.

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