DOD Hazardous Materials Information System
DoD 6050.5-L
AS OF July 1998

FSC: 6810
NIIN: 00N014691
Manufacturer's CAGE: 60928
Part No. Indicator: A
Part Number/Trade Name: 3-METHYL-3-PENTANOL 99% M6690-0

General Information

Item Name:
Company's Name: ALDRICH CHEMICAL COMPANY
Company's Street: Company's P. O. Box: 355
Company's City: MILWAUKEE
Company's State: WI
Company's Country: US
Company's Zip Code: 53201
Company's Emerg Ph #: Company's Info Ph #: 414-273-3850
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: N
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 20JUN89
Safety Data Review Date: 02APR91
Supply Item Manager:
MSDS Preparer's Name:
Preparer's Company:
Preparer's St Or P. O. Box:
Preparer's City:
Preparer's State:
Preparer's Zip Code:
Other MSDS Number:
MSDS Serial Number: BKNZP
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code: F4
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:
Net Unit Weight:

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NRC/State License Number:
Net Explosive Weight:
Net Propellant Weight-Ammo:
Coast Guard Ammunition Code:

Ingredients/Identity Information
Proprietary: NO
Ingredient: 3-PENTANOL, 3-METHYL- (3-METHYL-3-PENTANOL, 99%)
Ingredient Sequence Number: 01
Percent: 99
Ingredient Action Code:
Ingredient Focal Point: N
NIOSH (RTECS) Number: SA7450000
CAS Number: 77-74-7
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE
Other Recommended Limit: N/K

Physical/Chemical Characteristics

Appearance And Odor: COLORLESS LIQUID.
Boiling Point: 253F, 123C
Melting Point: -36F, -38C
Vapor Pressure (MM Hg/70 F): N/K
Vapor Density (Air=1): N/K
Specific Gravity: 0.824
Decomposition Temperature: N/K
Evaporation Rate And Ref: N/K
Solubility In Water: N/K
Percent Volatiles By Volume: N/K
Viscosity: N/K
Radioactivity: N/P
Form (Radioactive Matl): N/P
Magnetism (Milligauss): N/P
Corrosion Rate (IPY): N/K
Autoignition Temperature: N/K

Fire and Explosion Hazard Data

Flash Point: 115F, 46C
Flash Point Method: N/P
Lower Explosive Limit: N/K
Upper Explosive Limit: N/K
Extinguishing Media: CO2, DRY CHEMICAL POWDER, ALCOHOL OR POLYMER FOAM.
Special Fire Fighting Proc: USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP
(EP N). PVNT CONT W/SKIN & EYES. USE WATER SPRAY TO COOL FIRE EXPD CNTNRS.
WARNING! COMBUSTIBLE LIQUID.
Unusual Fire And Expl Hazards: VAPOR MAY TRAVEL CONSIDERABLE DISTANCE TO
SOURCE OF IGNITION AND FLASH BACK. CONTAINER EXPLOSION MAY OCCUR UNDER FIRE
CONDITIONS.

Health Hazard Data

Stability: N/P
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: ACIDS, ACID CHLORIDES, ACID ANHYDRIDES & OXIDIZING
AGENTS.
Hazardous Poly Occur: N/P
Conditions To Avoid (Poly): NONE SPECIFIED BY MANUFACTURER.
LD50-LC50 Mixture: SEE SUPP DATA
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: ACUTE: MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION. MAY CAUSE EYE & SKIN IRRITATION.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE SPECIFIED BY MANUFACTURER.
Signs/Symptoms Of Overexp: NONE SPECIFIED BY MANUFACTURER.
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
Emergency/First Aid Proc: IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER. IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. WASH CONTAMINATED CLOTHING BEFORE REUSE. IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL MD. INGEST: CALL MD IMMEDIATELY (FP N).

Precautions for Safe Handling and Use
Steps If Matl Released/Spill: SHUT OFF ALL SOURCES OF IGNIT. EVAC AREA. WEAR NIOSH/MSHA APPRVD RESP, CHEM SAFETY GOGGLES, RUB BOOTS & HEAVY RUB GLOVES. ABSORB ON SAND OR VERMICULITE & PLACE IN CLSD CNTNRS FOR DISP. USE NONSPARKING TOOLS. VENT & WASH SPILL SITE AFTER MATL PICKUP.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: THIS COMBUSTIBLE MATERIAL MAY BE BURNED IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. OBSERVE ALL FEDERAL, STATE & LOCAL LAWS.
Precautions-Handling/Storing: AVOID CONTACT AND INHALATION. KEEP CONTAINER CLOSED. KEEP AWAY FROM HEAT AND OPEN FLAME. STORE IN A COOL DRY PLACE.
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

Control Measures
Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).
Ventilation: MECHANICAL EXHAUST REQUIRED.
Protective Gloves: RUBBER GLOVES.
Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).

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Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.
Suppl. Safety & Health Data: LD50-LC50 MIX: LD50:(ORL,RAT) 710 MG/KG, (SCU,MUS) 1100 MG/KG.

Transportation Data
Transportation Action Code:
Transportation Focal Point: N
Trans Data Review Date: 91221
DOT PSN Code: ZZZ
DOT Symbol:
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
DOT Class: N/R
DOT ID Number: N/R
DOT Pack Group:
DOT Label: N/R
DOT/DoD Exemption Number:
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IMO Regulations Page Number: N/R
IMO UN Number: N/R
IMO UN Class: N/R
IMO Subsidiary Risk Label: N/R
IATA PSN Code: ZZZ
IATA UN ID Number: N/R
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IATA UN Class: N/R
IATA Subsidiary Risk Class: N/R
IATA Label: N/R
AFI PSN Code: ZZZ
AFI Symbols:
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI Class: N/R
AFI ID Number: N/R
AFI Pack Group:
AFI Label: N/R
AFI Special Prov:
AFI Basic Pac Ref:
MMAC Code:
N.O.S. Shipping Name:
Additional Trans Data: NOT REGULATED FOR TRANSPORTATION

Disposal Data

Disposal Data Action Code:
Disposal Data Focal Point:
Disposal Data Review Date:
Rec # For This Disp Entry:
Tot Disp Entries Per NSN:
Landfill Ban Item:
Disposal Supplemental Data:
1st EPA Haz Wst Code New:
Report for NIIN: 00N014691
1st EPA Haz Wst Name New:
1st EPA Haz Wst Char New:
1st EPA Acute Hazard New:
2nd EPA Haz Wst Code New:
2nd EPA Haz Wst Name New:
2nd EPA Haz Wst Char New:
2nd EPA Acute Hazard New:
3rd EPA Haz Wst Code New:
3rd EPA Haz Wst Name New:
3rd EPA Haz Wst Char New:
3rd EPA Acute Hazard New:

Label Data

Label Required: YES
Technical Review Date: 10JUN91
Label Date: 10JUN91
MFR Label Number:
Label Status: G
Common Name: 3-METHYL-3-PENTANOL 99% M6690-0
Chronic Hazard: NO
Signal Word: WARNING!
Acute Health Hazard: None
Acute Health Hazard-Slight: X
Acute Health Hazard-Moderate: X
Acute Health Hazard-Severe: X
Contact Hazard: None
Contact Hazard-Slight: X
Contact Hazard-Moderate: X
Contact Hazard-Severe: X
Fire Hazard: None
Fire Hazard-Slight: X
Fire Hazard-Moderate: X
Fire Hazard-Severe: X
Reactivity Hazard: None
Reactivity Hazard-Slight: X
Reactivity Hazard-Moderate: X
Reactivity Hazard-Severe: X
Special Hazard Precautions: ACUTE: MAY CAUSE EYE AND SKIN IRRITATION. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. COMBUSTIBLE LIQUID AND VAPOR. KEEP AWAY FROM HEAT AND FLAME.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: ALDRICH CHEMICAL COMPANY
Label Street:
Label P.O. Box: 355
Label City: MILWAUKEE
Label State: WI
Label Zip Code: 53201
Label Country: US
Label Emergency Number:
Year Procured: