

METHANOL

MSDS Number

BDVSF

National Stock Number

6810-00-292-9676

Product Name

METHANOL

Manufacturer

FISHER SCIENTIFIC CO

Product Identification

Product ID: METHANOL
MSDS Date: 01/01/1987
FSC: 6810
NIIN: 00-292-9676
MSDS Number: BDVSF

Responsible Party

FISHER SCIENTIFIC CO.

1 REAGENT LANE

FAIR LAWN , NJ 07410

US

Emergency Phone: 201-796-7100 OR 201-796-7523

Info Phone: 201-796-7100

Cage: 1B464

Contractor

FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

FAIRLAWN, NJ 07410-2802

US

201-796-7100

Cage: 1B464

Ingredients

METHYL ALCOHOL (METHANOL) (SARA III)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 99.9%

OSHA PELs, 200PPM/250STEL

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

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

Effects of Overexposure: EYE: IRRIT, OPTIC NERV
DAMAGE, BLIND. SKN: IRRIT, DRY, DEFAT, INHL, INGEST: HEAD, NAUSEA, DEPRESS, SHOCK
, COMA, EYE DAM

First Aid

First Aid: EYE: FLUSH 15 MIN W/AMPLE WATER. SKN: WATER WASH. INHL: REMOVE TO

FRESH AIR,ART RESP.INGEST:INDUCE VOMIT OR GAS LAVAGE.CALL PHYS
IMMED ALL CASES.CONTROL SHOCK.SUGGESTED 1-2% SOD BICARBONATE FOR
LAVAGE & AC IDOSIS CONTROL

Fire Fighting

Flash Point:50.0F/10C CC
Lower Limits:6
Upper Limits:36
Extinguishing Media:ALCOHOL FOAM, DRY CHEM, CO*2, WATER FOG (NO LIQ
WATER)
Fire Fighting Procedures:USE SCBA AND FULL BODY PROTECTIVE GEAR
Unusual Fire/Explosion Hazard:VAPORS ARE TOXIC AND EXPLOSIVE.AVOID
VAPOR FLASHBACK SITUATIONS.

Accidental Release

Spill Release Procedures:EVACUATE AREA.CONFINE SPREAD OF SPILL.REMOVE
ALL IGNITION SOURCES.REMOVE VAPORS W/WATER FOG.WEAR SCBA & FULL
BODY PROTECT.COVER SPILL W/ALCO FOAM,PUMP INTO CLOSED
CONTAINERS.WATER DILUTION DOES NOT RE MOVE TOXIC/FIRE HAZARD

Handling

Handling and Storage Precautions:FLAMMABLE,POISONOUS LIQUID.REMOVE ALL
IGN SOURCES,KEEP CONTAINERS COOL.GROUND CONTAINERS WHEN XFER
LIQ.PROVIDE ADEQUATE VENTILATION.
Other Precautions:AVOID CREATING MISTS.AVOID INHL,INGEST,SKN & EYE
CONTACT.

Exposure Controls

Respiratory Protection:USE SCBA CONC.W/FULL FACE SHIELD
Ventilation:LOCAL VENTILATION PREFERRED
Protective Gloves:BUTYL RUBBER
Eye Protection:USE FULL FACE SHIELD
Other Protective Equipment:BUTYL RUBBER APRON
Supplemental Safety and Health
ENTRY PER NON-OSHA MSDS DTD 8APR80,ADDED
INCOMPAT:IODINE,HGO,KOH,NAOH,CHLOROFORM.

Chemical Properties

HCC:F5
Boiling Pt:=65.C, 149.F
Vapor Pres:100
Vapor Density:1.11
Spec Gravity:0.79
Evaporation Rate & Reference:12 (BUAC=1)
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR FLAMMABLE LIQUID, ALCOHOL ODOR
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.CHROMIC ANHYDRIDE,PERCHLORIC ACID;SEE SUPP
Stability Condition to Avoid:AVOID IGNITION SOURCES.SPONTANEOUS IGN
OCCURS AT 385C.
Hazardous Decomposition Products:FORMALDEHYDE,CO,FORMIC ACID.

Disposal

Waste Disposal Methods:INCINERATE IN APPROVED FACILITY IAW ALL LAWS &
REGS.EPA HAZ WASTE ID# IS U154.

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.

