

FISHER SCIENTIFIC COMPANY, CHEMICAL DIVISION -- F-79, FORMALDEHYDE SOLUTION --
6810-00-242-3643

===== Product Identification =====

Product ID:F-79, FORMALDEHYDE SOLUTION

MSDS Date:02/25/1992

FSC:6810

NIIN:00-242-3643

MSDS Number: BDMSH

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC COMPANY, CHEMICAL DIVISION

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Nu

m:201-796-7100

Emergency Phone Num:201-796-7100;800-424-9300(CHEMTREC)

CAGE:22527

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO

Address:2000 PARK LN

Box:City:PITTSBURGH

State:PA

ZIP:15275

Country:US

Phone:412-490-8586

CAGE:22527

===== Composition/Information on Ingredients =====

Ingred Name: FORMALDEHYDE

RTECS #: LP8920000

ACGIH TLV: C, 2 PPM

Ingred Name: METHYL ALCOHOL (METHANOL) (SARA III)

CAS: 67-56-1

RTECS #: PC1400000

OSHA PEL: S, 200PPM/250STEL

ACGIH TLV:

S,200PPM/250STEL; 93
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000

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Hazards Identification
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Effects of Overexposure:EYE: BURNS. SKIN: ALLERGIC REACTION. VAPORS:
HARFUL. ABSORPTION THRU SKIN: HARMFUL.

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First Aid Measures
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First Aid:EYE: FLUSH WITH WATER 15 MIN,CONTACT A PHYSICIAN. SKIN: FLUSH
WITH WATER. INHALATION: REMOVE TO FRESH AIR,GIVE ARTIF R
ESP IF
NEEDED,CONTACT A PHYSICIAN.

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Fire Fighting Measures
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Flash Point Method:CC
Flash Point:140F,60C
Lower Limits:7
Upper Limits:73
Extinguishing Media:DRY CHEM, CARBON DIOXIDE, WATER SPRAY/REGULAR FOAM.
FOR LARGER FIRES USE WATER SPRAY OR REGULAR FOAM.
Fire Fighting Procedures:USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP
MOVE CNTNR FROM FIRE AREA IF IT CAN BE DONE W/OUT RISK. APPLY
COOLING WATER TO SIDES OF CNTNRS EXPOS (SUPDAT)
Un
usual Fire/Explosion Hazard:MODERATE FIRE HAZ WHEN EXPOS TO
HEAT/FLAME. VAPS ARE HVR/AIR & MAY TRAVEL CONSIDERABLE DIST TO
SOURCE OF IGNIT & FLASH BACK. VAP-AIR MIX ARE EXPLO ABOVE FL PT.

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Accidental Release Measures
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Spill Release Procedures:COVER WITH SODIUM BISULFITE AND SCOOP UP AND
PLACE IN A SUITABLE CONTAINER.

=====
Handling and Storage
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Handling and Storage Precautions:KEEP WELL CLOSED IN A MODE

RATELY WARM

PLACE. STORAGE TEMPERATURES,TO PREVENT POLYMERIZATION,RANGE
68-986F(20-30C)

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROVED RESP DEVICE IN ACCORD WITH
EXPOSURED OF CONCERN.

Ventilation:MECHANICAL/GENERAL

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES.

Supplemental Safety and Health

CONTAINER SIZE: 1 PT BOTTLE

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:

205F,96C

Melt/Freeze Pt:M.P/F.P Text:5F,-15C

Vapor Pres:67-88

Vapor Density:1.04

Spec Gravity:1.08

pH:2.8-4

Solubility in Water:MISCIBLE

Appearance and Odor:COLORLESS LIQUID,PUNGENT ODOR.

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ING 1: ACIDS, ALKALIES, AMMONIA, ANHYDRIDES, BISULFIDES, COPPER,
IODINE, ETC. ING 2: ACETYL BROMIDE, ALUMINUM, (ING 7)

Stability Condition to Avoid:AVOID CNTCT W/H

EAT, SPK, FLAMES/OTHER

IGNIT SOURCES. VAPS MAY BE EXPLO. MATL IS CORR. DO NOT CONTAM WATER
SOURCES.

Hazardous Decomposition Products:FUMES OF FORMALDEHYDE GAS

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF BY MEANS AS TO COMPLY WITH ALL
LOCAL,STATE AND FEDERAL REGULATIONS OR CONTACT AN APPROVED AND
LICENSED DISPOSAL AGENCY.

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