# FORMALDEHYDE SOLUTION,BUFFERED 10%

## MSDS Number

BBDYH

## National Stock Number

9930-00D001152

## Product Name

FORMALDEHYDE SOLUTION,BUFFERED 10%

## Manufacturer

MALLINCKRODT INC SCIENCE PRODUCTS DIV

## Product Identification

Product ID:FORMALDEHYDE SOLUTION,BUFFERED 10%
MSDS Date:01/01/1987
FSC:9930
NIIN:00D001152
MSDS Number: BBDYH

## Responsible Party

MALLINCKRODT INC.,SCIENCE PRODUCTS DIV.

PARIS BYPASS

PARIS , KY 40361

US

Emergency Phone: 314-982-5000

Info Phone: 314-982-5000

Cage: 62910

## Contractor

MALLINCKRODT SPECIALTY CHEMICALS CO

PHILLIPSBURG, NJ 08865

US

908-859-2151

Cage: 62910

## Ingredients

FORMALDEHYDE (SARA III)

CAS: 50-00-0

RTECS: LP8925000

Fraction By Weight: 4%

OSHA PELSEE 1910.1048

ACGIH TLV: C 0.3 PPM; A2; 9293

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

METHYL ALCOHOL (METHANOL) (SARA III)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 1.25%

OSHA PELS,200PPM/250STEL

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

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

WATER, CAS 7732-18-5

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight:

PHOSPHATES (TYPE NOT SPECIFIED) USED AS BUFFER

## Hazards

Effects of Overexposure:IRRIT TO EYES,SKIN,RESP.TRACT.HARMFUL OR FATAL IF SWALLOWED OR INHALED OR ABSORBED THROUGH SKIN.

## First Aid

First Aid:CALL PHYSICIAN IMMEDIATELY. INGEST: IMMEDIATELY GIVE 2 GLASSES WATER & INDUCE VOMITING. INHAL: REMOVE TO FRESH AIR, GIVE OXYGEN OR CPR IF NEEDED. FLUSH SKIN OR EYES W WATER. SEE SUPP DATA

## Fire Fighting

Flash Point:185F/85C
Extinguishing Media:CO*2, FOAM, DRY CHEM & H*2O FOG.
Fire Fighting Procedures:USE H*20 TO COOL EXPD CONTRS. USE SCBA & FULL PROT.CLTHG.
Unusual Fire/Explosion Hazard:FLASHBACK ALONG VAPOR TRAIL MAY OCCUR; VAP MAY EXPL. IF IGNITED IN AN ENCLOSED AREA.

## Accidental Release

Spill Release Procedures:REMOVE IGN SOURCES & VENT AREA. WEAR FULL PROTECTIVE CLOTHING & SCBA OR SUPPLIED AIR RESP. DIKE & RECOVER IN DRUMS OR ABSORB IN INERT MATERIAL. DO NOT FLUSH TO SEWER OR SURFACE WATERS.

## Handling

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED. OUTSIDE OR DETACHED STORAGE PREFERRED. STORE AS FLAMMABLE LIQUID AWAY FROM OXIDIZING AGENTS IF INDOORS.
Other Precautions:SHOWER,CHANGE TO CLEAN GARMENTS AFTER EXPOSURE. AVOID CROSS CONTAMINATION WITH STREET CLOTHING. DO NOT SMOKE,EAT OR DRINK IN WORKPLACE. WASH HANDS BEFORE EATING ETC.

## Exposure Controls

Respiratory Protection:NIOSH/MESA APPR SCBA/AIR SUPP RESPIR.
Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.
Protective Gloves:IMPERVIOUS
Eye Protection:GOGGLES/FACE SHIELD
Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE WASH STATION
Supplemental Safety and Health
MSDS 14OCT86 NTP.LISTS FORMALDEHYDE AS A SUSPECTED CARCINOGEN.OVEREXPOSURE SYMPTOMS:ABDOMINAL PAIN,VOMITING,HEADACHE,DIARRHEA.CHRONIC EXPOSURE MAY CAUSE HYPERSENSIT.&/OR LIVER,KIDNEY DAMAGE.

## Chemical Properties

HCC:V4
Boiling Pt:B.P. Text:212F/100C
Spec Gravity:1.0
Evaporation Rate & Reference:LIKE WATER

Solubility in Water:SOLUBLE
Appearance and Odor:CLEAR COLORLESS SOLUTION,

## Stability

Stability Indicator/Materials to Avoid:YES
OXIDIZING AGENTS,ALKALIS,MAY REACT EXPLOSIVELY
Stability Condition to Avoid:HEAT,IGNITION SOURCES
Hazardous Decomposition Products:FORMALDEHYDE GAS,CABON MONOXIDE

## Disposal

Waste Disposal Methods:DISPOSE OF AS HAZARDOUS WASTE IN RCRA FACILITY OR DISOLVE IN COMBUSTIBLE SOLVENT FOR INCINERATION I/A/W FEDERAL,STATE,LOCAL REGULATIONS.

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