

FORMALDEHYDE (FORMALIN) 10%

MSDS Number

CBHSW

National Stock Number

6850-00N068429

Product Name

FORMALDEHYDE (FORMALIN) 10%

Manufacturer

VAL TECH DIAGNOSTICS INC

Product Identification

Product ID: FORMALDEHYDE (FORMALIN) 10%

MSDS Date: 07/31/1992

FSC: 6850

NIIN: 00N068429

MSDS Number: CBHSW

Responsible Party

VAL TECH DIAGNOSTICS INC

630 PITTSBURGH STREET

SPRINGDALE, PA 15144

US

Emergency Phone: 412-274-4889

Info Phone: 412-274-4889

Cage: EO315

Contractor

VAL TECH DIAGNOSTICS INC.

BRACKENRIDGE, PA 15014

US

412-224-2440

Cage: EO315

Ingredients

FORMALDEHYDE (SARA 302/313) (CERCLA)

CAS: 50-00-0

RTECS: LP8925000

OSHA PELSEE 1910.1048

ACGIH TLV: 0.3 PPM, A2

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

METHYL ALCOHOL (METHANOL) (SARA 313) (CERCLA)

CAS: 67-56-1

RTECS: PC1400000

OSHA PEL200 PPM, S

ACGIH TLV: 200 PPM; 250 STEL

EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

SODIUM HYDROXIDE (CERCLA)

CAS: 1310-73-2

RTECS: WB4900000

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

1); (SODIUM PHOSPHATE,

CAS: 7558-80-7

RTECS: WA1900000

OSHA PELN/K

ACGIH TLV: N/K

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:STRONGLY IRRITATING TO SKIN, EYES,
RESPIRATORY TRACT AND MUCOSAL MEMBRANES. POISONOUS. MAY CAUSE
ALLERGIC REACTIONS. MAY CAUSE PERMANENT EYE DAMAGE. HAS BEEN SHOWN
TO CAUSE NASAL TUMORS AND LEUKEMIA I N RATS.
Explanation of Carcinogenicity:FORMALDEHYDE:IARC MONO, SUPP, VOL 7, PG
211, 1987: GROUP 2A. NTP 7TH ANNUAL REPORT ON CARCINS, 1994: ANTIC
TO BE(SUPDAT)
Effects of Overexposure:IRRITATION OF SKIN, EYES, RESP TRACT & MUCOSAL
MEMBRANES FROM FUMES. INGESTION CAUSES SEVERE GI SYMPTOMS. POISON.
Medical Cond Aggravated by Exposure:RESPIRATORY AILMENTS, SKIN
CONDITIONS, EYE CONDITIONS.

First Aid

First Aid:INHAL: REMOVE TO FRESH AIR IF OVERCOME BY FUMES AND BEGIN
RESUSCITATION IF NOT BREATHING. INGEST: INDUCE VOMITING. SKIN: WASH
ALL CONTAMD AREAS. SEEK MEDICAL ATTN. EYE: FLUSH W/POTABLE WATER
FOR AT LE AST 15 MINS. SEE MD.

Fire Fighting

Flash Point Method:PMCC
Flash Point:155F,68C
Lower Limits:0%
Extinguishing Media:FOAM, WATER FOG, CARBON DIOXIDE OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL
PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard:FORMS HAZARDOUS FUMES, CARBON MONOXIDE
AND CARBON DIOXIDE.

Accidental Release

Spill Release Procedures:ALERT PERSONNEL, ABSORB IN ABSORB MATL, PLACE
IN FUME TIGHT CONTAINER. PREVENT RUNOFF TO WATERWAYS OR SEWERS.
NOTIFY AUTHORITIES OF SPILL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:WEAR PROT CLTHG, GLOVES, & MASK

DESIGNED FOR FORMALDEHYDE. USE ONLY IN WELL VENTILATED AREA.
MONITOR EXPOSURE TO MATL.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED FULL FACE, SCBA.
Ventilation:LOCAL EXHST: MUST COMPLY WITH REGULATIONS.
Protective Gloves:IMPERVIOUS GLOVES.
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS.
Other Protective Equipment:EMERGENCY EYEWASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA. MATERIALS RESISTANT TO TOUCH.
Work Hygienic Practices:USE CAUTION WHEN HANDLING. MONITOR EXPOSURE TO MATERIALS.
Supplemental Safety and Health
EXPLAN OF CARCIN: CARCINOGEN.

Chemical Properties

Boiling Pt:B.P. Text:214F,101C
Vapor Pres:1.3 @ 68F
Vapor Density:1.0
Spec Gravity:1.10(H*20=1)
Evaporation Rate & Reference:SLOWER THAN ETHER
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR LIQUID W/STRONG, PUNGENT ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG ALKALIES, STRONG ACIDS.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE.

Disposal

Waste Disposal Methods:CONSULT LOCAL, STATE & FEDERAL AUTHORITIES FOR PROPER DISPOSAL METHODS.

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.