

BIOCHEMICAL SCIENCES INC. -- 122 911;HEMA 3,FIXATIVE -- 6550-01-377-8903

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

Product ID:122 911;HEMA 3,FIXATIVE

MSDS Date:10/10/1994

FSC:6550

NIIN:01-377-8903

MSDS Number: BZNWV

=== Responsible Party ===

Company Name:BIOCHEMICAL SCIENCES INC.

Address:100 CLARENDON DR.

City:SWEDESBORO

State:NJ

ZIP:08085

Country:US

Info Phone Num:800-524-0294

Emergency Phone Num:800-5

24-0294

CAGE:0B0Y1

=== Contractor Identification ===

Company Name:BIOCHEMICAL SCIENCES INC

Address:200 COMMODORE DRIVE

Box:City:SWEDESBORO

State:NJ

ZIP:08085

Country:US

Phone:800-524-0294

CAGE:0B0Y1

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

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA 313) (CERCLA)

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 200 PPM

ACGIH TLV:S,200PPM/250STEL; 96

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:500

0 LBS

=====  
===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:THIS PRODUCT MAY CAUSE LIVER,HEART AND  
KIDNEY DAMAGE. INGEST:MAY CAUSE GI TRACT DISTURBANCE AND  
CINVULSIONS.  
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%  
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.  
Effects of Overexposure:BLURRED VIS  
ION,HEADACHE,NAUSEA,DROWSINESS.  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING  
CNS,SKIN,EYES AND GI TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

=====  
===== First Aid Measures =====

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND  
WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.CALL DOCTOR  
IMMEDIATELY.INHAL:REMOVE TO FRESH AIR.IF BREATHING HAS STOPPED  
ADMINISTER ARTIFICIAL RESPIRA TION..INGEST:GET PROMPT QUALIFIED  
MED  
ICAL ATTENTION.IF CONSCIOUS,GIVE 2 GLASSES OF WATER AND INDUCE  
VOMITING BY STICKING FINGER DOWN THROAT.

=====  
===== Fire Fighting Measures =====

Flash Point Method:TCC  
Flash Point:=-53.9C, 129.F  
Lower Limits:6.0  
Upper Limits:36.5  
Extinguishing Media:WATER SPRAY,DRY CHEMICAL,CARBON DIOXIDE,FOAM.  
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER  
FOG.  
Unusual Fire/Explosion  
Hazard:DECOMPOSITION PRODUCT MAY BE TOXIC.VAPORS  
ARE HEAVIER THAN AIR,CAN TRAVEL DISTANCES ALONG THE GROUND,AND  
FLASHBACK AT THE SOURCE.

=====  
===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.USE PROPER  
RESPIRATORY AND PROTECTIVE EQUIPMENT.VENTILATE AREA.SOAK UP WITH A  
NON-COMBUSTIBLE INERT ABSORBANT(CLAY,SAND);PLACE IN PROPER  
CONTAINER FOR DISPOSAL.  
Neutralizing Agent:NOT REPORTED.

=====

Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM HEAT,SPARKS,FLAMES AND INCOMPATIBLE MATERIALS.

Other Precautions:STORE IN A FLAME PROOF CABINET.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.USE NON-PARKING EQUIPMENT.

Protective Gloves:RUBBER.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NORMAL LABORATORY APPAREL.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:EXECISE GOOD LABORATORY PRACTICES.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health

KEY1;F4.

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

=====

HCC:F5

Boiling Pt:=64.4C, 148.F

Melt/Freeze Pt:=-97.8C, -144.F

Vapor Pres:96

Vapor Density:1.11

Spec Gravity:0.791

Evaporation Rate & Reference:4.6 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,LIGHT GREEN LIQUID,PUNGENT ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ACIDS,ACID CHLORIDS AND ANHYDRIDES,REDUCING AGENTS,ALKALI METALS,OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH HEAT,SOURCES OF IGNITION.

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE.

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

Waste Disposal Methods:INCINERATE OR DISPOSE OF IN ACCORDANCE WITH  
FEDERAL,STATE AND LOCAL REGULATIONS.

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 manne  
r 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.