

BIOCHEMICAL SCIENCES INC SUB OF CMS -- 57011 FORMALIN -- 6505-01-317-4927

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

Product ID:57011 FORMALIN

MSDS Date:07/24/1992

FSC:6505

NIIN:01-317-4927

MSDS Number: BNKLZ

=== Responsible Party ===

Company Name:BIOCHEMICAL SCIENCES INC SUB OF CMS

Address:603 HERRON DR

Box:518

City:BRIDGEPORT

State:NJ

ZIP:08014-0518

Country:US

Info Phone Num:609-467-1813/800-524-0294

Em

ergency Phone Num:508-651-1250/800-524-0294

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:FORMALDEHYDE, FORMALIN (2A CARCINOGEN BY NTP, IARC, OSHA)  
INTENDED CHANGE

CAS:50-00-0

RTECS #:LP8925000

Fraction by Wt: 3.4-4%

OSHA PEL:0.75 PPM/2 PPM

ACGIH TLV:0.37 MG/CUM IC

(2A)  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:IRRITATION OF SKIN, EYES, NOSE, THROAT  
& UPPER RESPIRATORY TRACT. INGESTION: POISONOUS, MAY CAUSE BURNING  
OF MOUTH; DEATH MAY RESULT. CHRONIC: FORMALDEHYDE IS A MUTAGENIC.  
Explanation of Carcinogenicity:SEE INGREDIENTS  
Effects o  
f Overexposure:INGESTION: VOMITING, ABDOMINAL PAIN & DIARRHEA.  
Medical Cond Aggravated by Exposure:DISEASES OF THE LUNGS & SKIN

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA W/PLENTY OF  
SOAP & WATER. EYES: FLUSH W/PLENTY OF WATER FOR 15 MINS. INGESTION:  
INDUCE VOMITING IMMEDIATELY BY GIVING TWO GLASSES OF WATER &  
PRESSING FING ER DOWN THROAT. CONTACT A PHYSICIAN IMMEDIATELY.  
INHALATION: REMOVE TO FRE  
SH AIR. IF BREATHING STOPS, BEGIN  
ARTIFICIAL RESPIRATION. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:DRY POWDER, FOAM, CO2, WATER SPRAY  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS &  
PROTECTIVE CLOTHING.

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

Spill Release Procedures:WIPE UP W/DAMP SPONGE OR MOP. LARGE: ABSORB  
LIQUID W/SAND OR SIMILAR MATERIAL & KE  
EP FROM ANY FORMS OF  
IGNITION.

===== Handling and Storage =====

Handling and Storage Precautions:USE PRECAUTIONS FOR COMBUSTIBLE  
LIQUIDS. KEEP AWAY FROM OPEN FLAMES.

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

Respiratory Protection:IF VAPOR CONCENTRATION BECOMES HIGH, USE NIOSH  
APPROVED RESPIRATOR.  
Ventilation:LOCAL EXHAUST  
Protective Gloves:RUBBER  
Eye Protection:SAFETY GLASSES  
Other Protective Equipment:NORMAL LABORATOR

## Y APPAREL

Work Hygienic Practices:WASH W/SOAP & WATER AFTER HANDLING.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:215F

Vapor Pres:79

Vapor Density:>1

Spec Gravity:1.07

Evaporation Rate & Reference:AS WATER

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID W/CHARACTERISTIC ODOR

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

Stability Indicator/Materials to Avoid:YES

CAUSTIC SO

DA, ASH & ALKALIS, AMINES, ACIDS & STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:BURNING MAY PRODUCE CO & CO2

S

Conditions to Avoid Polymerization:HEAT, SPARKS, FLAME

### ===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, &  
FEDERAL REGULATIONS.

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