

## **C & H 571**

### **MSDS Number**

BZVZD

### **National Stock Number**

6810-00F049481

### **Product Name**

C & H 571

### **Manufacturer**

C AND H CHEMICAL INC

### **Product Identification**

Product ID: C & H 571  
MSDS Date: 03/29/1995  
FSC: 6810  
NIIN: 00F049481  
MSDS Number: BZVZD

### **Responsible Party**

C AND H CHEMICAL INC  
222 STARKEY ST  
ST PAUL , MN 55107-5000  
US

Emergency Phone: 612-227-4343/800-228-5635

Info Phone: 612-227-4343/800-228-5635

Cage: 0ZAU9

### **Contractor**

C AND H ENTERPRISES INC  
SAINT PAUL, MN 55107  
US  
651-227-2485  
Cage: 0ZAU9

### **Ingredients**

SODIUM NITRITE  
CAS: 7632-00-0  
RTECS: RA1225000  
Fraction By Weight: 4.7%  
OSHA PEL15 MG/CUM  
ACGIH TLV: 10 MG/CUM  
EPA Report Quantity: 100 LBS  
DOT Report Quantity: 100 LBS

1,H-BENZOTRIAZOLE (4 OR 5) METHYL SODIUM SALT,  
CAS: 64665-57-2  
Fraction By Weight:  
OSHA PEL15 MG/CUM

ACGIH TLV: 10 MG/CUM

SODIUM MOLYBDATE

CAS: 7631-95-0

RTECS: QA5075000

Fraction By Weight:

OSHA PEL5 MG/CUM (MO)

ACGIH TLV: 5 MG/CUM (MO)

## Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: IRRITATION & BURNS. SKIN: MAY CAUSE IRRITATION/DERMATITIS. INHALATION: IRRITATION.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, BURNS, HEADACHE, GASTRIC DISCOMFORT, REDUCED BLOOD PRESSURE, RAPID PULSE, NAUSEA, VOMITING, VISUAL DISTURBANCES, CYANOSIS, COLLAPSE, COMA.  
Medical Cond Aggravated by Exposure:ALERGIC SENSITIVITY TO NITRITES.

## First Aid

First Aid:EYES: IMMEDIATELY FLUSH W/PLENTY OF WATER. REMOVE CONTACT LENSES & CONTINUE RINSING FOR 15 MINS. SKIN: RINSE THOROUGHLY W/WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: RINSE MOUTH W/WATER THEN DRINK 1-2 GLASSES OF MILK/WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION IN ALL CASES.

## Fire Fighting

Flash Point Method:TCC  
Flash Point:NONE  
Fire Fighting Procedures:WEAR SCBA & USE PROTECTIVE CLOTHING TO AVOID SKIN CONTACT W/PRODUCT.  
Unusual Fire/Explosion Hazard:NONE

## Accidental Release

Spill Release Procedures:FLUSH TO DRAIN W/WATER. DIKE/DAM AREA & RETURN TO CONTAINER FOR REUSE.

## Handling

Handling and Storage Precautions:USE RUBBER GLOVES, BOOTS TO AVOID PROLONGED/REPEATED CONTACT W/PRODUCT. KEEP FROM FREEZING (MAY RUPTURE CONTAINER).  
Other Precautions:DON'T MIX W/PRODUCTS CONTAINING AMINES, WHICH MAY COMBINE W/THE SODIUM NITRITE IN THE PRODUCT TO FORM NITROSAMINES.

## Exposure Controls

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR FOR CONCENTRATED VAPORS, MISTS/SPRAYS.  
Ventilation:NORMAL ROOM IS USUALLY ADEQUATE, AVOID BREATHING CONCENTRATED VAPORS, MISTS/SPRAYS.  
Protective Gloves:RUBBER  
Eye Protection:SAFETY GOGGLES/FACE SHIELD  
Other Protective Equipment:PROTECTIVE CLOTHING, EYEWASH STATIONS.  
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health

## Chemical Properties

Boiling Pt:B.P. Text:212F  
Spec Gravity:>1  
Evaporation Rate & Reference:(WATER = 1): 1

Solubility in Water: COMPLETE  
Appearance and Odor: PALE AMBER LIQUID W/LITTLE ODOR  
Percent Volatiles by Volume: >75

## Stability

Stability Indicator/Materials to Avoid: YES  
STRONG ACIDS & STRONG REDUCING AGENTS, AMMONIUM COMPOUNDS, CYANIDES.  
Stability Condition to Avoid: FREEZING  
Hazardous Decomposition Products: OXIDES OF CARBON & NITROGEN.

## Disposal

Waste Disposal Methods: DISPOSE OF WASTE IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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