

VERSATILE MACHINING INC -- 61B25042 CUPRIC CHLORIDE 10% -- 6630-00-831-5932

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Product Identification
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Product ID:61B25042 CUPRIC CHLORIDE 10%

MSDS Date:05/02/1991

FSC:6630

NIIN:00-831-5932

Kit Part:Y

MSDS Number: BRYDV

=== Responsible Party ===

Company Name:VERSATILE MACHINING INC

Address:7450 TOWER ST

City:FORT WORTH

State:TX

ZIP:76118-6424

Country:US

CAGE:6S522

=== Contractor Identific

ation ===

Company Name:ANDERSON LABORATORIES INC

Address:5901 FITZHUGH AVE

Box:City:FORT WORTH

State:TX

ZIP:76119

Country:US

Phone:817-547-4474

CAGE:0E6L4

Company Name:VERSATILE MACHINING INC

Address:7450 TOWER ST

Box:City:FORT WORTH

State:TX

ZIP:76118-6424

Country:US

CAGE:6S522

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Composition/Information on Ingredients
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Ingred Name:COPPER BICHLORIDE, COPPER CHLORIDE

CAS:7447-39-4

RTECS #:GL7000000

Fraction by Wt: 10%

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name

:HYDROCHLORIC ACID, HYDROGEN CHLORIDE, MURIATIC ACID

HYDROCHLORIDE

CAS:7647-01-0

RTECS #:MW4025000

Fraction by Wt: 36%

Other REC Limits:7 PPM

OSHA PEL:5 PPM

ACGIH TLV:C 11 MG/CUM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 54%

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

LD50 LC50 Mixture:SEE SUPPLEMENTAL HEALTH

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity

:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:CORROSIVE: MAY CAUSE SEVERE BURNS & PERMANENT EYE DAMAGE. CONCENTRATED SOLUTION CAUSES DEEP ULCERS. VAPORS ARE IRRITATING & MAY CAUSE DAMAGE TO THE EYES. CONCENTRATED VAPORS MAY CAUSE EROSION OF TEETH .

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: COUGHING, CHOKING, INFLAMMATION OF NOSE/THROAT/UPPER RESPIRATORY TRACT. INGESTION: PAIN, BURNS OF MOUTH, THROAT, ESOPHAGUS & GI TRACT; NAUSEA, VOMITING & DIARRHEA.

SKIN: REDNESS, PAIN, SEVERE BURNS, DISCOLORATION. EYES: IRRITATION & DAMAGE.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS OR EYE DISEASE

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. INGESTION: DON'T INDUCE VOMITING. GIVE PLENTY OF WATER OR MILK IF AVAILABLE. NEVER GIVE ANYTHING B

Y MOUTH TO AN UNCONSCIOUS PERSON.

SKIN/EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Unusual Fire/Explosion Hazard:CONTACT W/METALS PRODUCES HYDROGEN GAS WHICH MAY FORM EXPLOSIVE MIXTURE W/AIR.

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

Spill Release Procedures:FOR SMALL SPILLS: COVER W/SODA ASH & FLUSH SPILL W/PLENTY OF WATER.

Neutralizin

g Agent:SODA ASH

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

Handling and Storage Precautions:PRODUCT RESIDUE MAY REMAIN ON OR IN EMPTY PACKAGE. USE ALL PRECAUTIONS TO HANDLE THE EMPTY PACKAGE & RESIDUE.

Other Precautions:CLEAN BEFORE REUSING OR ALTERING PACKAGE. KEEP CLOSURE TIGHT & CONTAINER UPRIGHT TO PREVENT LEAKAGE. AVOID CONTACT W/EYES & SKIN.

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

Ventilation:LOCAL: HOOD. MECHANICAL:
AT LEAST 10 AIR CHANGES PER HOUR
PER ROOM

Protective Gloves:REQUIRED

Eye Protection:GOGGLES

Other Protective Equipment:LAB COAT

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING/SHOES BEFORE REUSE.

Supplemental Safety and Health

LD50 (RAT): 900 MG/KG (HYDROCHLORIC ACID); ORAL LD50 (RAT): 140 MG/KG (CUPRIC CHLORIDE)

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

Boiling Pt:B.P. Text:110C

Vapor Pres:78

Vapor Density:>1

Appearance and Odor:BLUE FUMING

LIQUID W/CHARACTERISTIC ODOR.

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

Stability Indicator/Materials to Avoid: YES

STRONG BASES/METALS/METAL OXIDES/HYDROXIDES/AMINES/CARBONATES/OTHER
ALKALINES. CYANIDES/SULFIDES/SULFITE/FORMALDEHYDE.

Hazardous Decomposition Products: HYDROGEN GAS

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

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

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this information by the compiling agencies):

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