

HAYS REPUBLIC CORPORATION -- CO ABSORBER/CUPROUS CHLORIDE -- 6810-00-355-6305
===== Product Identification =====

Product ID:CO ABSORBER/CUPROUS CHLORIDE

MSDS Date:04/16/1990

FSC:6810

NIIN:00-355-6305

MSDS Number: BDXBQ

=== Responsible Party ===

Company Name:HAYS REPUBLIC CORPORATION

Address:225 N ROESKE AVE

City:MICHIGAN CITY

State:IN

ZIP:46360

Country:US

Info Phone Num:219-872-0006/407-842-1900

Emergency Phone Num:219-872-0006

CAGE:27847

=== Contractor Identification ===

Company Name:DYNATECH SCIENTIFIC INC

Address:1401 27TH ST

Box:640164

City:KENNER

State:LA

ZIP:70064

Country:US

Phone:504-465-9604

CAGE:0VL27

Company Name:HAYS REPUBLIC CORP MFG AND REPAIR FACILITY

Address:225 N ROESKE AVE

Box:City:MICHIGAN CITY

State:IN

ZIP:46360-5072

Country:US

Phone:219-872-0006

CAGE:27847

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

Ingred Name:WATER

CAS:7732-18-5

RTECS #:Z

C0110000

Other REC Limits:NONE SPECIFIED

Ingred Name:AMMONIUM CHLORIDE (SARA III)

CAS:12125-02-9

RTECS #:BP4550000

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG/M3/20 STEL

ACGIH TLV:10 MG/M3 FUME; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:AMMONIA (SARA III)

CAS:7664-41-7

RTECS #:BO0875000

Other REC Limits:NONE SPECIFIED

OSHA PEL:50 PPM

ACGIH TLV:25 PPM/35 STEL; 9293

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:COPPER CHLORIDE/CUPROUS CHLORIDE

CAS:7758-89-6

RTECS #:G

L6990000

Other REC Limits:NONE SPECIFIED

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

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Effects of Overexposure:SEE HEALTH HAZARDS SECTION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MIN.,LIFTING UPPER &
LOWER LIDS

OPEN.CALL A DOCTOR.SKIN:WASH WITH WATER FOR 15 MIN..CALL

A DOCTOR.INHALATION:REMOVE TO FRESH AIR.CALL A DOCTOR.INGESTION:GET
IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEA

RBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:VENTILATE AREA.SCOOP UP IN A DISPOSAL
CONTAINER.

Neutralizing Agent:3M-HYDROCHLORIC ACID

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

Handling and Storage Precautions:STORE IN A COOL, WELL VENTILATED AREA.

Other Precautions:AVOID

CONTACT WITH EYES & SKIN. WASH HANDS AFTER
HANDLING.

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

Respiratory Protection:IF TLV OF THE PRODUCT OR ANY COMPONENT IS
EXCEEDED, A NIOSH/MSHA JOINTLY APPROVED AIR SUPPLIED RESPIRATOR IS
ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

Ventilation:LOCAL EXHAUST

Protective Gloves:NEOPRENE

Eye Protection:CHEMICAL SPLASH GOGGLES & FACE SHIELD

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING AND SHOES

Work Hygiene

Practices:WASH HANDS BEFORE EATING OR DRINKING

Supplemental Safety and Health

CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED, SINCE
EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, AND/OR SOLID),
ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE
OBSERVED.NOTE: MANUFACTURER DID NOT HAVE INFORMATION FOR THE
MIXTURE, BUT PROVIDED MSDS FOR EACH INGREDIENT.

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

HCC:B1

Boiling Pt:B.P. Text:>212F/100C

Solubility in Water:INSOLUBLE (CUCL)

Appearance and Odor:LIQUID

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

Stability Indicator/Materials to Avoid:YES

STRONG MINERAL ACIDS & ALKALIES,COPPER,METALLIC MERCURY

Stability Condition to Avoid:FLAMES

Hazardous Decomposition Products:MAY FORM TOXIC MATERIALS,AMMONIA,TOXIC
FUMES OF CLORINE

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL FEDERAL, STAT

E &

LOCAL REGULATIONS.

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