

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

E

mergency 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 #:ZC

0110000  
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 #:GL  
6990000  
Other REC Limits:NONE SPECIFIED

===== 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.

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

First Aid:EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MIN.,LIFTING UPPER &  
LOWER LIDS O  
PEN.CALL A DOCTOR.SKIN:WASH WITH WATER FOR 15 MIN..CALL  
A DOCTOR.INHALATION:REMOVE TO FRESH AIR.CALL A DOCTOR.INGESTION:GET  
IM MEDIATE MEDICAL ATTENTION.

===== 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 NEAR

BY 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 Hygienic

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, STATE

&

## LOCAL REGULATIONS.

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