

CERTIFIED LABS; DIV OF NCH COR -- QUROX 0638

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MSDS Safety Information
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FSC: 6850
NIIN: 01-433-6442
MSDS Date: 05/22/1997
MSDS Num: CJHTJ
Product ID: QUROX 0638
MFN: 04
Kit Part: Y
Responsible Party
Cage: 53417
Name: CERTIFIED LABS; DIV OF NCH CORP
Box: 152170
City: IRVING TX 75015
Info Ph
one Number: 972-438-1381
Emergency Phone Number: 972-438-1381

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Item Description Information
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Item Manager: S9G
Item Name: CORROSION REMOVING COMPOUND
Specification Number: NONE
Type/Grade/Class: NONE
Unit of Issue: BX
Quantitative Expression: 00000000006EA
UI Container Qty: 0
Type of Container: CONTAINER

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: LD50 (ORAL, RAT) 5,000 MG/KG;TANNIC ACID
Route Of Entry Inds - Inhalation: YES
Skin: NO
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: TARGET ORGANS: UNKNOWN. ACUTE - INHALATION: MIST CAUSES IRRITATION OF THE R

RESPIRATORY TRACT SEEN AS COUGHING AND SNEEZING. SKIN CONTACT: REPEATED OR PROLONGED EXPOSURE MAY CAUSE IRRITATION SEEN AS ITCHING OR REDNESS. MAY DRY THE SKIN. EYE CONTACT: CAUSES IRRITATION SEEN AS ITCHING, REDNESS OR SWELLING. INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION SEEN AS NAUSEA, VOMITING OR DISCOMFORT. CHRONIC - EXCESSIVE INHALATION MAY BE ANESTHETIC OR PRODUCE NARCOTIC EFFECTS.

Explanation Of Carcinogenicity: NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptoms Of Overexposure: IRRITATION, COUGHING, SNEEZING, ITCHING, REDNESS, SWELLING, NAUSEA, VOMITING OR DISCOMFORT

Medical Conditions Aggravated By Exposure: PREEXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA AND DERMATITIS.

First Aid: INHALATION - REMOVE FROM AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT. EYE CONTACT - RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE

FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS. SKIN CONTACT - WASH AFFECTED AREA WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS. INGESTION - GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. SEEK MEDICAL ATTENTION IF DISCOMFORT OCCURS.

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Handling and Disposal
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Spill Release Procedures: DIKE AND CONTAIN SPILL IF SAFE TO DO SO. ABSORB WITH AN INERT MATERIAL AND TRANSFER ALL MATERIAL INTO PROPERLY LABELED CONTAINER FOR DISPOSAL. WEAR APPROPRIATE PROTECTIVE CLOTHING.

Neutralizing Agent: ADD CAUTIOUSLY A SOLUTION OF SLAKED LIME OR SODA ASH WHILE STIRRING UNTIL PH=7.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

Handling And Storage Precautions: ALWAYS STORE MATERIAL IN ITS ORIGINAL CONTAINER. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP FROM FREEZING.

Other Precautions: THIS PRODUCT MAY DISCOLOR SKIN. WEAR GLOVES WHEN HANDLING. KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT.

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Fire and Explosion Hazard Information
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Flash Point Text: NON-FLAMMABLE

Extinguishing Media

: FOAM, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER
SPRAY.

Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING
APPARATUS & FULL PROTECTIVE GEAR. EXTINGUISHING MEDIA SHOULD BE CHOSEN
BASED ON THE NATURE OF THE SURROUNDING FIRE.

Unusual Fire/Explosion Hazard: SPRAY EXPOSED CONTAINERS WITH WATER SPRAY TO
AVOID STEAM PRODUCTION OR BURSTING.

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Control Measures
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Respiratory Protection: A RESPIRATOR IS NOT REQUIRED IN THE NORMAL USE OF THE
PRODUCT. USE A NIOSH/MSHA APPROVED RESPIRATOR FOR SPRAY MISTS.

Ventilation: GENERAL MECHANICAL VENTILATION IS NORMALLY ADEQUATE.

Protective Gloves: NEOPRENE OR RUBBER GLOVES.

Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment: WEAR GENERAL DUTY WORK CLOTHING AND SHOES. EYE
BATH, WASHING FACILITY SHOULD BE NEARBY.

Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EA
TING, DRINKING,
OR SMOKING.

Supplemental Safety and Health: CORROSIVE.

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Physical/Chemical Properties
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HCC: C1

Boiling Point: =82.2C, 180.F

Decomp Text: UNKNOWN

Vapor Pres: <18

Vapor Density: 0.1

Spec Gravity: 1.229

PH: 1.8 (100%)

Viscosity: SEMI-VISCOUS

Evaporation Rate & Reference: 0.10 (N-BUTYL ACETATE=1)

Solubility in Water: COMPLETE

Appearance and Odor: OFF-WHITE, MILD ODOR
, OPAQUE CLARITY.

Percent Volatiles by Volume: 62

Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES

Materials To Avoid: OXIDIZERS, ALKALOIDS, PROTEINS, STARCH, ALKALIS.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, CHLORINE,
HYDROGEN CHLORIDE, CARBONYL CHLORIDE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT O

CCUR.

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Cage: 53417
Trans ID NO: 146054
Product ID: QUROX 0638
Review Date: 07/15/1999
MFN: 4
Tech Entry NOS Shipping Nm: CONTAINS TANNIC ACID.
Net Unit Weight: 6
1.4LBS/BOX
Multiple KIT Number: 0
Kit Part IND: Y
Unit Of Issue: BX
Container QTY: 0
Type Of Container: CONTAINER

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Detail DOT Information
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DOT PSN Code: DWL
Symbols: G
DOT Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
Hazard Class: 8
UN ID Num: UN3265
DOT Packaging Group: III
Label: CORROSIVE
Special Provision: T7
Packaging Exception: 154
Non Bulk Pack: 203
Bulk Pack:

241
Max Qty Pass: 5 L
Max Qty Cargo: 60 L
Vessel Stow Req: A
Water/Ship/Other Req: 40

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Detail IMO Information
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IMO PSN Code: ESD
IMO Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. o
IMDG Page Number: 8147-1
UN Number: 3265
UN Hazard Class: 8
IMO Packaging Group: I/II/III
Subsidiary Risk Label: -
EMS Number: 8-15
MED First Aid Guide NUM: 760

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Detail IATA Information
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IATA PSN Code: HLE
IATA UN ID Num: 3265
IATA Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. *
IATA UN Class: 8
IATA Label: CORROSIVE
UN Packing Group: III
Packing Note Passenger: 818
Max Quant Pass: 5L
Max Quant Cargo: 60L
Packaging Note Cargo: 820

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Detail AFI Information
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AFI PSN Code: HKF
AFI Symbols: *
AFI Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
AFI Hazard Class: 8
AFI UN ID NUM: UN3265
AFI Packing Group: III
Special Provisions: P5
Back Pack Reference: A12.3

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HAZCOM Label
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Product ID: QUROX 0638
Cage: 53417
Company Name: CERTIFIED LABS DIV OF NCH CORP
PO Box: 152170
City: IRVING TX
Zipcode: 75015
Health Emergency Phone

: 972-438-1381

Label Required IND: Y

Date Of Label Review: 07/15/1999

Status Code: A

Label Date: 05/22/1997

Year Procured: 1999

Origination

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: NO

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: UNKNOWN. ACUTE - INHALATION: MIST CAUSES IRRITATION OF THE RESPIRATORY TRACT SEEN AS COUGHING AND SNEEZING.

SKIN

CONTACT: REPEATED OR PROLONGED EXPOSURE MAY CAUSE IRRITATION SEEN AS ITCHING OR REDNESS. MAY DRY THE SKIN. EYE CONTACT: CAUSES IRRITATION SEEN AS ITCHING, REDNESS OR SWELLING. INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION SEEN AS NAUSEA, VOMITING OR DISCOMFORT. CHRONIC - EXCESSIVE INHALATION MAY BE ANESTHETIC OR PRODUCE NARCOTIC EFFECTS.

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