

ALDRICH CHEMICAL CO INC./SUB OF SIGMA-ALDRICH CORP -- H5830-7 8-HYDROXYQUINOLINE, 99% -- 6810-01-446-5223

===== Product Identification =====

Product ID:H5830-7 8-HYDROXYQUINOLINE, 99%

MSDS Date:05/02/1995

FSC:6810

NIIN:01-446-5223

MSDS Number: CFLHS

=== Responsible Party ===

Company Name:ALDRICH CHEMICAL CO INC./SUB OF SIGMA-ALDRICH CORP

Address:1001 W. ST. PAUL AVE

Box:355

City:MILWAUKEE

State:W

I

ZIP:53201

Country:US

Info Phone Num:414-273-3850/FAX -4979

Emergency Phone Num:414-273-3850

CAGE:60928

=== Contractor Identification ===

Company Name:ALDRICH CHEMICAL CO INC

Address:1001 WEST ST PAUL AVE

Box:355

City:MILWAUKEE

State:WI

ZIP:53233

Country:US

Phone:414-273-3850

CAGE:60928

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

Ingred Name:8-HYDROXYQUINOLINE (8-HYDROXYQUINOL)

CAS:148-24-3

RTECS #:VC4200000

Fraction by Wt: 99%

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====  
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LD50 LC50 Mixture:ORAL RAT LD50: 1200MG/KG

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

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

Health Hazards Acute and Chronic:HARMFUL IF SWALLOWED/INHAL/ABSORBED THROUGH SKIN.CAUSES EYE/SKIN IRRIT.MATL IS IRRITATING TO MUCOUS MEMBRANES & UPPER ESPIRATORY TRACT.POSSIBLE MUTAGEN.CHRONIC EFFECTS:LABORATORY EXPERIMENTS HAVE SHOW N MUTAGENIC EFFECTS.

Explanation of

Carcinogenicity:PER MSDS:CARCINOGENIC BY RTECS CRITERIA.

IARC CANCER:HUMAN NO ADEQUATE DATA,GROUP 3.

Effects of Overexposure:HARMFUL IF INHAL/INGEST/ABSORBED THRU SKIN.EYE/SKIN IRRIT.POSSIBLE MUTAGEN.IRRIT MUCOUS MEMBRANES & UPPER RESPIRATORY TRACT.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

TARGET ORGANS:CENTRAL NERVOUS

SYSTEM;LUNGS,THORAX,RESPIRATION,KIDNEY,URETER,BLADDER,TUMORIGENIC EFFECTS.

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===== First Aid Measures =====  
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First Aid:IN CASE OF CONTACT IMMED FLUSH EYE W/COPIOUS AMTS OF WATER FOR @LEAST 15MINS.IN CASE OF CONTACT IMMED WASH SKIN W/SOAP/COPIOUS AMTS OF WATER.IF INHALED REMOVE TO FRESH AIR.IF NOT BREATHING GIVE ART RE SP.IF BREATING DIFFIC GIVE OXYGEN.IF SWALLOWED WASH CUT MOUTH W/WATER PROVIDED PERSON IS CONSCIOUS.CALL PHYSICIAN.

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===== Fire Fighting Measures =====  
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Flash Point:NP

Lower Limits:NP

Upper Limits:NP

Extinguishing Media:WA

TER SPRAY.CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING TO PREVENT CONTCT W/SKIN/EYES.

Unusual Fire/Explosion Hazard:THIS MATERIAL LIKE MOST MATERAILS IN POWDER FORM IS CAPABLE OF CREATING A DUST EXPLOSION.

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===== Accidental Release Measures =====  
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Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS,RUBBER BOOTS,HEAVY RUBBER GLOVES.SWEEP UP, P

LACE IN BAG & HOLD FOR WASTE

DISPOSAL.AVOID RAISING DUST.VENTILATE AREA AND WASH SPILL SITE  
AFTER MATERIAL PICKUP IS COMPLETE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID BREATHING DUST.AVOID CONTACT  
W/EYE/SKIN/CLOTH.HARMFUL SOLID.IRRITANT.POSSIBLE MUTAGEN.LIGHT  
SENSITIVE.KEEP TIGHTLY CLOSED.

Other Precautions:STORE IN COOL DRY PLACE.POSSIBLE RISK OF IRREVERSIBLE  
EFFECTS.WEAR SUITABLE PROTECTIVE CLOTHING.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:USE ONLY IN A CHEMICAL FUME HOOD.

Protective Gloves:COMPATIBLE CHEM-RESIST GLOVES

Eye Protection:CHEM SAFETY GOGGLES

Other Protective Equipment:SAFETY SHOWER & EYE BATH.

Work Hygienic Practices:WASH CONTAM CLOTH BEFORE REUSE.WASH THOROUGHLY  
AFTER HNDLG.

Supplemental Safety and Health

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

HCC:T4

Boiling Pt:B.P. Text:513F,267C

Melt/Freeze Pt:M.P/F.P Text:162F,72C

Decomp Temp:Decomp Text:NP

Vapor Pres:NP

Vapor Density:NP

Spec Gravity:NP

pH:NP

Evaporation Rate & Reference:NP

Solubility in Water:NP

Appearance and Odor:OFF-WHITE TO LIGHT TAN

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

STRONG OXIDIZING AGENTS. STRONG ACIDS.

Stability Condition to Avoid:MAY DISCOLOR

ON EXPOSURE TO LIGHT.LIGHT  
SENSITIVE.

Hazardous Decomposition Products:TOXIC FUMES OF CARBON MONOXIDE, CARBON  
DIOXIDE, NITROGEN OXIDES.

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

Waste Disposal Methods:OBSERVE ALL LOCAL, STATE AND FEDERAL ENVIRO  
REGULATIONS.DISSOLVE OR MIX MATL W/COMBUSTIBLE SOLVT & BURN IN  
CHEMICAL INCINERATOR EQUIPPED W/AFTERBURNER & SCRUBBER.

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