

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:WI

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 =====

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 RESPIRATORY TRACT.POSSIBLE MUTAGEN.CHRONIC EFFECTS:LABORATORY EXPERIMENTS HAVE SHOWN MUTAGENIC EFFECTS.

Explanation of C

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.

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

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First Aid:IN CASE OF CONTACT IMMEDIATELY FLUSH EYE WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IN CASE OF CONTACT IMMEDIATELY WASH SKIN WITH SOAP/COPIOUS AMOUNTS OF WATER. IF INHALED REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING DIFFICULTY GIVE OXYGEN. IF SWALLOWED WASH CUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL PHYSICIAN.

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

Flash Point:NP

Lower Limits:NP

Upper Limits:NP

Extinguishing Media:WATER

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

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

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

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

Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS, HEAVY RUBBER GLOVES. SWEEP UP, PL

ACE 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.

===== 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.

===== 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

===== 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

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

STRONG OXIDIZING AGENTS. STRONG ACIDS.

Stability Condition to Avoid:MAY DISCOLOR O

N 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/AFTERRUNNER & SCRUBBER.

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