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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 ESPIRATORY TRACT.POSSIBLE MUTAGEN.CHRONIC EFFECTS:LABORATORY EXPERIMENTS HAVE SHOW N MUTAGENIC EFFECTS.

Explanation of C

arcinogenicity: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 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.

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

Flash Point:NP

Lower Limits:NP

Upper Limits:NP

Extinguishing Media:WAT

ER 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.

===== 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/AFTERBURNER & SCRUBBER.

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