

ALDRICH CHEMICAL CO INC./SUB OF SIGMA-ALDRICH CORP -- FLUORESCEIN,SODIUM SALT,16630-8 -- 6810-01-446-4908

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

Product ID:FLUORESCEIN,SODIUM SALT,16630-8

MSDS Date:04/17/2000

FSC:6810

NIIN:01-446-4908

MSDS Number: CFRLF

=== 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

Contract Num:SP0450-00-M-SA60

CAGE:60928

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

Ingred Name:FLUORESCEIN, DISODIUM SALT

CAS:518-47-8

RTECS #:LM5425000

Other REC Limits:NONE RECOMMENDED

=====

=====  
===== Hazards Identification =====  
=====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 6721 MG/KG.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:TARGET ORGANS:KIDNEYS. ACUTE- MAY CAUSE EYE, SKIN AND UPPER RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL BY INGESTION, INHALATION OR SKIN ABSORPTION. THE CHEMICAL, PHYSICAL AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY

INVESTIGATED. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:IMMEDIATELY FLUSH WITH

H WITH

WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & PLENTY OF WATER. ORAL:IF CONSCIOUS, WASH OUT MOUTH WITH WATER. GET MEDICAL ATTENTION.

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

Flash Point:NONE

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED

SELF-CONTAINED BREATHING APPARATUS. HAZARDOUS DECOMPOSITION PRODUCTS MAY BE FORMED.

Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. SWEEP UP SPILL.

AVOID CREATING DUST. PLACE IN A BAG. HOLD FOR DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER PICKUP IS COMPLETE.

Neutralizing Agent:NOT RELEVANT

=====  
===== Handling and Sto

rage =====

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM STRONG OXIDIZING AGENTS. KEEP CONTAINER TIGHTLY CLOSED. USE ONLY IN A CHEMICAL FUME HOOD.

Other Precautions:DO NOT RAISE DUST. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. AVOID INHALATION OF DUST. WASH THOROUGHLY AFTER HANDLING MATERIAL. KEEP OUT OF REACH OF SMALL CHILDREN. DO NOT INGEST.

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

Respiratory Protection:NO  
NE NORMALLY REQUIRED. IF AIRBORNE  
CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR  
DUST MASK.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR  
DUST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE  
CLOTHING AND/OR UNIFORM

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES.

Supplemental Safety  
and Health

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Appearance and Odor:ORANGE-BROWN POWDER

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS

Stability Condition to Avoid:MOISTURE

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

===== Disposal

Considerations =====

Waste Disposal Methods: DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. OBSERVE LOCAL, STATE AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.