

SIGMA CHEMICAL COMPANY -- URIC ACID,51449,16118-7 -- 6810-01-446-6854

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

Product ID:URIC ACID,51449,16118-7

MSDS Date:02/01/1994

FSC:6810

NIIN:01-446-6854

MSDS Number: CFMWJ

=== Responsible Party ===

Company Name:SIGMA CHEMICAL COMPANY

Address:3050 SPRUCE ST

Box:14508

City:ST. LOUIS

State:MO

ZIP:63178

Country:US

Info Phone Num:800-325-3010/FAX 800-325-5052

Emergency

Phone Num:314-771-5765

CAGE:21076

=== 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

Company Name:FLUKA CHEMICAL CORP

Address:1001 WEST ST PAUL

Box:City:MILWAUKEE

State:WI

ZIP:53233

Country:US

Phone:414-273-3850

CAGE:63181

Company Name:SIGMA CHEMICAL COMPANY

Address:3050 SPRUCE ST

Box:14508

City:ST LOUIS

State:MO

ZIP:63178

Country:US

Phone:314-771-5765

CAGE:21076

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

Ingred Name:URIC ACID

CAS:69-93-2

RTECS #:YU7050080

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY &

GI TRACTS. ACUTE- MAY CAUSE EYE, SKIN AND

UPPER RESPIRATORY TRACT

IRRITATION. MAY BE HARMFUL BY INGESTION OR INHALATION. THE

TOXICOLOGICAL PROPERTIES HAVE NOT BE EN THOROUGHLY INVESTIGATED.

CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION

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

WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP &

PLENTY OF W ATER. ORAL:IF CONSCIOUS, WASH OUT MOUTHWITH WATER. GET

MEDICAL ATTENTION.

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

Flash Point:NONE

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, A

PPROPRIATE FOAM OR  
DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.  
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED  
SELF-CONTAINED BREATHING APPARATUS. HAZARDOUS DECOMPOSITION  
PRODUCTS MAY BE FORMED.  
Unusual Fire/Explosion Hazard:MAY EMIT TOXIC FUMES.

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

Spill Release Procedures: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 Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM  
INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED.  
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 Co  
ntrols/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED. IF AIRBORNE  
CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR  
DUST MASK.  
Ventilation:GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS  
(10 ROOM VOLUMES PER HOUR).  
Protective Gloves:LATEX RECOMMENDED  
Eye Protection:SAFETY GLASSES/GOGGLES RECOMMENDED  
Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE  
CLOTHING AND/OR UNIFORM  
Work Hygienic Practices:OBS  
ERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES.  
Supplemental Safety and Health

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

HCC:N1  
NRC/State Lic Num:NOT RELEVANT  
Melt/Freeze Pt:M.P/F.P Text:>572F,>300C  
Viscosity:NOT RELEVANT  
Evaporation Rate & Reference:NOT RELEVANT  
Appearance and Odor:OFF-WHITE POWDER

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

Stability Indicator/Materials to Avoid:YES  
OXIDIZING AGENTS, ACIDS, BASES  
S

tability Condition to Avoid:NONE

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
OXIDES OF NITROGEN, HYDROGEN CYANIDE

===== 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 ALL 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.