

VAN WATERS AND ROGERS -- FERROUS SULFATE -- 6810-00-264-6534

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

Product ID:FERROUS SULFATE

MSDS Date:07/22/1993

FSC:6810

NIIN:00-264-6534

MSDS Number: BYDJH

=== Responsible Party ===

Company Name:VAN WATERS AND ROGERS

Address:2256 JUNCTION AVE

City:SAN JOSE

State:CA

ZIP:95131

Country:US

Info Phone Num:408-435-8700

Emergency Phone Num:408-435-8700/800-424-9300(CHEMT
REC)

CAGE:0AN91

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:VAN WATERS AND ROGERS

Address:2256 JUNCTION AVE

City:SAN JOSE

State:CA

ZIP:95131

Country:US

Phone:408-435-8700/800-424-9300(CHEMTREC)

CAGE:0AN91

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

Ingred Name:FERROUS SULFATE (CERCLA)

CAS:7782-63-0

RTECS #:NO8

510000
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL, MOUSE) IS 1520 MG/KG.
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 IRRITATION & PAIN. MAY CAUSE MILD
SKIN IRRITATION. EX
CESSIVE INHALATION OF DUST MAY IRRITATE
RESPIRATORY TRACT. INGESTION OF LARGE QUANTITIES MAY CAUSE IRON
POISONING, LIVER DAMAGE, COMA & DEATH. CHRONIC- MAY DAMAGE BLOOD
VESSELS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, DIARRHEA,
ABDOMINAL PAIN, BLACK STOOL, REDNESS OF EYES, PINK URINE, COMA,
DEATH
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS, EYE PROBLEMS OR IMPAIRED LIVER, KIDNEY OR RESPIRA
TORY
FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PROD

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

Flash Point:NONE
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED
CONTAINERS.
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS. MOVE CONTAINER FROM FIRE AREA
IF POSSIBLE. DO NOT SCATTER SPILLED MATERIAL.
Unusual Fire/Explosion Hazard:NOT CONSIDERED FIRE HAZARD OR EXPLOSION
HAZARD.

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

Supplemental Safety and Health

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

HCC:N1
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:DECOMPOSES
Melt/Freeze Pt:M.P/F.P Text:149F(-WATER
Decomp Temp:Decomp Text:>572F,>300C
Spec Gravity:1.90
Viscosity:NOT RELEVANT
Evaporation Rate & Reference:NOT RELEVANT
Solubility in Water

er:48.6 G/100G @ 122F

Appearance and Odor:BLUE GREEN FINE CRYSTALS - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

ALKALIES, OXIDIZING AGENTS, SOLUBLE CARBONATES (REACTS IN MOIST AIR TO FORM FERRIC SULFATE).

Stability Condition to Avoid:EXCESSIVE HEAT (TEMPERATURES ABOVE 300C/572F), MOISTURE

Hazardous Decomposition Products:TOXIC SULFUR OXIDES

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