

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(CHEMTR
EC)

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 #:NO85

10000
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. EXC
ESSIVE INHALATION OF DUST MAY IRRITATE
RESPIRATORY TRACT. INGESTION OF LARG E 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 RESPIRAT
ORY
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.
Unusu
al 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 Wate

r: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

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.