

SMITH G FREDERICK CHEMICAL CO -- FERROUS AMMONIUM SULFATE;MOHR'S SALT.#550 --  
6810-00-275-8143

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

Product ID:FERROUS AMMONIUM SULFATE;MOHR'S SALT.#550

MSDS Date:06/10/1987

FSC:6810

NIIN:00-275-8143

MSDS Number: BDSJS

=== Responsible Party ===

Company Name:SMITH G FREDERICK CHEMICAL CO

Address:867 MCKINLEY AVE

Box:23214

City:COLUMBUS

State:OH

ZIP:43223

Country:US

|

Info Phone Num:614-881-5501

Emergency Phone Num:800-858-9682

Preparer's Name:LM

CAGE:77964

=== Contractor Identification ===

Company Name:GFS CHEMICAL INC

Address:3041 HOME RD

Box:23214

City:POWELL

State:OH

ZIP:43065

Country:US

Phone:740-881-5501

CAGE:77964

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

Ingred Name:FERROUS (II) AMMONIUM SULFATE (MOHR'S SALT)

CAS:10045-89-3

RTECS #:WS5850000

Fraction by Wt: >99.0%

OSHA PEL:1 MG/M3 (FE)

ACGIH TLV:1 MG/M3 (F3); 8990

EPA Rpt Q

ty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:ORAL RAT=3250MG/KG  
Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES  
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES AND SKIN.  
CHRONIC:NO DATA AVAILABLE.  
Effects of Overexposure:MAY BE IRRITATING TO SKIN AND EYES. NOT  
CONSIDERED TOXIC HAZARD.  
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE  
WORSEN.

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

First Aid:WASH SKIN AND EYES THOROUGHLY WITH WATER AFTER CONTACT,CALL A  
PHYSICIAN IF NEEDED.

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

Flash Point:NONE  
Extinguishing Media:USE SUITABLE MEDIA FOR SURROUNDING FIRE  
Fire Fighting Procedures:NONE NOTED;USE NIOSH/MSHA APPROVED SCBA IN AN  
ENCLOSED AREA.  
Unusual Fire/Explosion Hazard:WILL DECOMPOSE AT HIGHER TEMPERATURES.  
MAY EMIT NOXIOUS FUMES UNDER FIRE CONDITIONS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SWEEP UP AND  
RECOVER FOR PROPER DISPOSAL.

=====  
Handling and Storage  
=====

Handling and Storage Precautions:STORE IN COOL DRY AND WELL VENTILATED  
AREA.AVOID MOISTURE.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST IF  
THERE IS NO ADEQUATE

VENTILATION.

Ventilation:LOCAL OR GENERAL TO MAINTAIN ADEQUATE VENTILATION.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL GOGGLES.

Other Protective Equipment:FULL EYES AND SKIN PROTECTION;EYE WASH.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE DUST-/MIST.

Supplemental Safety and Health

MSDS RECEIVED BY DGSC-SLM:JAN 08,1988.

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

HCC:N1

Spec Gravity:1.86

Solubility in Water:SOLUBLE

Appearance and O

dor:PALE BLUISH-GREEN CRYSTALS,VERY SLIGHT OR NO ODOR

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

Stability Indicator/Materials to Avoid:YES

CAUSTIC ALKALI

Stability Condition to Avoid:WATER (MOISTURE)

Hazardous Decomposition Products:MAY GIVE NH\*3 UPON DECOMPOSITION.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH 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.