

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

Qty:1000 LBS
DOT Rpt Qty:1000 LBS

=====
Hazards Identification
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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.

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

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Fire Fighting Measures
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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.

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

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

=====
Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST IF
THERE IS NO ADEQUA

TE 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

Odor: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.

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