

U.S.STEEL CORP,AGRI-CHEMICALS DIVISION -- AMMONIUM HYDROXIDE -- 6810-00-065-3142

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Product Identification
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Product ID:AMMONIUM HYDROXIDE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-065-3142

MSDS Number: BCXBD

=== Responsible Party ===

Company Name:U.S.STEEL CORP,AGRI-CHEMICALS DIVISION

Address:233 PEACHTREE ST NE

Box:1685

City:ATLANTA

State:GA

ZIP:30301

Country:US

CAGE:JO957

=== Contractor Ide

ntification ===

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Box:1685

City:ATLANTA

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ZIP:30301

Country:US

CAGE:92792

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Composition/Information on Ingredients
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Ingred Name:AMMONIUM HYDROXIDE (SARA III)

CAS:1336-21-6

RTECS #:BQ9625000

Fraction by Wt: 100%

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1

000 LBS

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Hazards Identification
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Effects of Overexposure: CONTACT MAY CAUSE TISSUE DAMAGE TO
SKIN, EYES, MUCOUS MEMBRANE, GASTRO-INTESTINAL & RESPIRATORY MUCOSA

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First Aid Measures
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First Aid: REMOVE TO UNCONTAMINATED AREA IMMEDIATELY, REMOVE CONTAMINATE
CLOTHING FLUSH EXPOSED BODY AREAS WITH WATER. INHALATION: GIVE
ARTIFICIAL RESPIRATION IF NEEDED, GET MEDICAL ATTENTION. EYE: FLUSH
WITH WATER
15 MIN, GET IMMEDIATE MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point: SEE SUP DATA
Lower Limits: 16
Upper Limits: 25
Extinguishing Media: WATER SPRAY
Fire Fighting Procedures: SELF-CONT BREATH APP, STOP RELEASE OF GAS, WATER
TO COOL CONTA
Unusual Fire/Explosion Hazard: OIL OR OTHER COMBUSTIBLES MAY INCREASE
FIRE HAZARD

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Accidental Release Measures
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Spill Release Procedures: AVOID BREATHING VAPORS OR CONT
ACT WITH
EYES, SKIN, CLOTHING.

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Handling and Storage
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Handling and Storage Precautions: STORE CONTAINER AWAY FROM HEAT, DO NOT
PRESSURIZE DRUMS OR CARBONS. AVOID UNCONTROLLED MIXING WITH
HALOGENS OR ACIDS.
Other Precautions: AVOID USE OF PIPE, VALVES AND FITTINGS OF
COPPER, COPPER ALLOYS, GALVANIZED COATINGS.

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Exposure Controls/Personal Protection
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Respiratory Protection: NIOSH/MSHA APPROVED RESP DEVICE IN ACCORD

WITH
EXPOSURE OF CONCERN.

Ventilation:MECHANICAL

Protective Gloves:RUBBER

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:SAFETY SHOWER,EYE WASH

Supplemental Safety and Health

FLASH POINT: IGNITION TEMP (NH*3 GAS): 1204F/651C. TYPE I. CONTAINER

SIZE: 55 GAL DRUM

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

HCC:C2

Boiling Pt:B.P. Text:85F/29C

Vapor Pres:2.3

Spec Gravity:0.8974

Solubility in Water:APPRECIABLE

Appearance and Odor:COLORLESS LIQUID,PUNGEN

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Percent Volatiles by Volume:29.4

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

Stability Indicator/Materials to Avoid:NO

Stability Condition to Avoid:APPLICATION OF HEAT

Hazardous Decomposition Products:RELEASES NH*3 GAS

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

Waste Disposal Methods:CHECK WITH LOCAL,STATE AND FEDERAL AUTHORITIES.

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