

U.S.STEEL CORP,AGRI-CHEMICALS DIVISION -- AMMONIUM HYDROXIDE -- 6810-00-988-8923

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Product Identification  
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Product ID:AMMONIUM HYDROXIDE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-988-8923

MSDS Number: BGBZL

=== 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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Address:233 PEACHTREE ST NE

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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 =====

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

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

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

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

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 CONTAINER  
Unusual Fire/Explosion Hazard: OIL OR OTHER COMBUSTIBLES MAY INCREASE  
FIRE HAZARD

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

Spill Release Procedures: AVOID BREATHING VAPORS OR CONTACT WITH  
EYES, SKIN, CLOTHING.

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

Handling and Storage Precautions: STORE CONTAINER AWAY FROM HEAT, DO NOT  
PRESSURIZE DRUMS OR CARBOYS. 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 =====

Respiratory Protection: NIOSH/MSHA APPROVED RESP DEVICE IN ACC

ORD 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: 5 GAL CARBOY

===== 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,PU

NGENT

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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