

U.S.STEEL CORP,AGRI-CHEMICALS DIVISION -- AMMONIUM HYDROXIDE -- 6810-00-826-6121
===== Product Identification =====

Product ID:AMMONIUM HYDROXIDE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-826-6121

MSDS Number: BFRLD

=== Responsible Party ===

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

Emergency Phone Num:800-424-9300

CAGE:JO957

=== Contractor Identification ===

Company Name:U.S.STEEL CORP,AGR

I-CHEMICALS DIVISION

Address:233 PEACHTREE ST NE

Box:1685

City:ATLANTA

State:GA

ZIP:30301

Country:US

CAGE:JO957

Company Name:USX CORP USS AGRI-CHEMICALS DIVISION

Address:233 PEACHTREE ST NE

Box:1685

City:ATLANTA

State:GA

ZIP:30301

Country:US

CAGE:92792

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

Ingred Name:AMMONIUM HYDROXIDE (SARA III)

CAS:1336-21-6

RTECS #:BQ9625000

Fraction by Wt: 100%

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

===== Hazards Identif

ication =====

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

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

First Aid:REMOVE TO UNCONTAMINATED AREA IMMEDIATELY,REMOVE CONTAMINATE CLOTHING FLUSH EXPOSED BODY AREAS WITH WATER. INHALATION: GIVE ARTIFICAL 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 CONTA
Unusual Fire/Explosion Hazard:OIL OR OTHER COMBUSTIBLES MAY INCREASE FIRE HAZARD

===== 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.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESP DEVICE IN ACCORD WITH EXPOSURE OF CONCERN.
Ventilation:ME

CHANICAL

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: 15 GAL PAIL

===== 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,PUNGENT

Percent Volatiles by Volume:29.4

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===== 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 ANDFEDERAL AUTHORITIES.

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