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Product Identification
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Product ID:AMMONIUM SULFATE

MSDS Date:01/01/1987

FSC:6810

NIIN:00-264-6546

MSDS Number: BDQNK

=== Responsible Party ===

Company Name:BETHLEHEM STEEL CORP

Emergency Phone Num:215-694-5105

CAGE:80406

=== Contractor Identification ===

Company Name:BETHLEHEM STEEL CORP

Address:701 E 3RD ST

Box:City:BETHLEHEM

State:PA

ZIP:18015

Country:US

Phone:215-694-2424

CAGE:80406

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

CAS:7783-20-2

RTECS #:BS4500000

Fraction by Wt: 99.8%

Ingred Name:H*2O (CAS# 7732-18-5)

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 0.1%

Ingred Name:TRACE ELEMENTS

Fraction by Wt: 0.1%

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Hazards Identification
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Effects of Overexposure:EYE/SKIN:DUST IRRIT.INHAL:DUST POSS RESP TRACT
IRRIT,BRONCHOCONSTRICTION.INGEST: (SEE SUP

P DATA)

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First Aid Measures
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First Aid:EYE:FLUSH THOROUGHLY W/LARGE AMOUNTS OF H*2O FOR @ LEAST 15 MIN. SKIN:FLUSH EXPOSED AREAS W/LARGE AMOUNTS OF H*2O. INHAL:REMOVE FROM EXCESSIVE DUST EXPOSURE LEVELS. INGEST:CONTACT POISON CONTROL CENTE R/SEEK MEDICAL ATTENTION PROMPTLY.

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Accidental Release Measures
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Spill Release Procedures:MATERIAL SHOULD BE SWEEPED OR VACUUMED INTO APPROPRIATE CONTAINERS

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Handling and Storage
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Handling and Storage Precautions:PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE.

Other Precautions:IN ANIMAL STUDY,CHEM DUST IRRIT ARTF-INDUCED EMPHYSEMA,ENLARGED ALVEOLI,ALVEOLAR DUCTS,SACS.IN VITRO STUDY-SYNERGISM BETWEEN OXIDANT AIR POLLUTANTS,OZONE,NO*2 & AMMONIUM SULFATE AEROSOL (MFR).

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Exposure Controls/Personal Protection
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Respiratory Protection:NIOSH/MSHA APPROVED DUST & MIST RESPIRATOR.

Ventilation:SUFFICIENT VENT TO KEEP DUST LEVELS < EXPOSURE LIMIT.

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING RECOMMENDED IN DUSTY ATMOSPHERES.

Supplemental Safety and Health

OVEREXP:MODERATELY TOXIC;LGE AMT POSS DIURESIS,SYSTEMIC AMMONIA POISONING;DIGESTIVE TRACT SURFACE LINING IRRIT. OTHER MFR PHONE #:215-694-7066. CONTAINER: 1 LB BOTTLE. DATE OF PREP:11-85.

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Physical/Chemical Properties
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HCC:N1

Spec Gravity:1.77

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITISH CRYSTALLINE MATERIAL NO ODOR.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:AMMONIA,SULFUR OXIDES,SULFURIC ACID & OTHER POSSIBLE GASES.

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Disposal Considerations
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Waste Disposal Methods:PERMITTED HAZARDOUS WASTE LANDFILL OR OTHER METH

ODS IN ACCORDANCE W/LOCAL,STATE & FEDERAL REGULATIONS. WASTE
MAY BE RECLAIMED OR SALVAGED FOR FURTHER USE.

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