

BETHLEHEM STEEL CORP -- AMMONIUM SULFATE -- 6810-00-264-6546

===== Product Identification =====

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:BETHLEHE

M

State:PA

ZIP:18015

Country:US

Phone:215-694-2424

CAGE:80406

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

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%

===== Hazards Identification =====

Effects of Overexposure:EYE/SKIN:DUST IRRIT.INHAL:DUS

T POSS RESP TRACT  
IRRIT,BRONCHOCONSTRICTION.INGEST: (SEE SUPP DATA)

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

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.

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

Spill Release Procedures:MATE  
RIAL SHOULD BE SWEEPED OR VACUUMED INTO  
APPROPRIATE CONTAINERS.

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

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).

===== 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 BOTTL  
E. DATE OF PREP:11-85.

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

HCC:N1  
Spec Gravity:1.77  
Solubility in Water:APPRECIABLE  
Appearance and Odor:WHITISH CRYSTALLINE MATERIAL NO ODOR.

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

Stability Indicator/Materials to Avoid:YES  
Hazardous Decomposition Products:AMMONIA,SULFUR OXIDES,SULFURIC ACID &  
OTHER POSSIBLE GASES.

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

Waste Dispo

sal Methods:PERMITTED HAZARDOUS WASTE LANDFILL OR OTHER  
METHODS IN ACCORDANCE W/LOCAL,STATE & FEDERAL REGULATIONS. WASTE  
MAY BE RECLAIMED OR SALVAGED FOR FURTHER USE.

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