

AQUA AMMONIA SOLUTION #1 AND #2

MSDS Number

BSCZN

National Stock Number

3610-01-193-4752

Product Name

AQUA AMMONIA SOLUTION #1 AND #2

Manufacturer

MICHLIN DIAZO PRODUCTS CORP

Product Identification

Product ID:AQUA AMMONIA SOLUTION #1 AND #2

MSDS Date:06/26/1985

FSC:3610

NIIN:01-193-4752

Kit Part:Y

MSDS Number: BSCZN

Responsible Party

MICHLIN DIAZO PRODUCTS CORP

10501 HAGGERTY ST

DEARBORN , MI 48126

US

Emergency Phone: 800-255-3924

Info Phone: 313-846-5700

Preparer: ERIC NACHLAS

Cage: 8Y149

Contractor

OZALID CORP

707

VESTAL, NY 13850

US

800-255-3924

Cage: 60887

Ingredients

AMMONIUM HYDROXIDE (SARA III)

CAS: 1336-21-6

RTECS: BQ9625000

Fraction By Weight: 29.4%

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 70.6%

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE SEVERE RESPIRATORY IRRITATION. CONTACT WITH SKIN OR EYES MAY CAUSE SEVERE IRRITATION OR BURNS. INGESTION MAY CAUSE SEVERE GI TRACT IRRITATION; BURNS TO MUCOUS MEMBRANES. CHRONIC: NONE SPECIFIED BY MANUFACTURER.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:INHALED: HEADACHE, COUGHING, LUNG CONGESTION, BREATHING DIFFICULTY, CONVULSIONS, SHOCK. EYES: BURNS, PAIN, TEARING, BLURRED VISION. SKIN: REDNESS, BURNS, BLISTERS, PAIN. INGESTED: BURNING PAIN IN MOUTH, THROAT, AND STOMACH, CONSTRICTED THROAT, COUGHING, VOMITING.
Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.
HMIS: RESPIRATORY AILMENTS, DERMATITIS, EYE PROBLEMS.

First Aid

First Aid:INHALED: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPPED. SEE DOCTOR IF SYMPTOMS PERSIST. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER. INGESTED: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

Fire Fighting

Flash Point:NONE
Lower Limits:16
Upper Limits:25
Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:WEAR RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING. STOP SOURCE OF SPILL IF POSSIBLE. STAY UPWIND AND USE WATER SPRAY TO ABSORB GAS. NEUTRALIZE IF NEEDED. KEEP OUT OF WATERWAYS. REPORT SPILL IF NEEDED (RQ=1000LBS).
Neutralizing Agent:5% ACETIC ACID SOLUTION

Handling

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SUNLIGHT, OR OPEN FLAME. STORE IN WELL VENTILATED AREA.
Other Precautions:ANY RELEASE OF 1000 LBS OR GREATER MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER (800-424-8802).

Exposure Controls

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS. USE IN ACCORDANCE WITH 29 CFR 1910.134.
Ventilation:USE LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV.
Protective Gloves:RUBBER
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES
Other Protective Equipment:EYE WASH STATION AVAILABLE.
Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.
Supplemental Safety and Health

Chemical Properties

HCC:B1
Melt/Freeze Pt:=-78.C, -108.4F
Vapor Pressure:550 MM HG
Vapor Density:Spec Gravity:0.8974

Evaporation Rate & Reference:1 (WATER=1)
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR, COLORLESS LIQUID; PUNGENT ODOR
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
STRONG MINERAL ACIDS, HYPOCHLORITE SOLUTION, HALOGENS, SODIUM
HYDROXIDE, METALS
Stability Condition to Avoid:AVOID CONTACT WITH INCOMPATIBLE MATERIALS.
Hazardous Decomposition Products:HYDROGEN AND NITROGEN GASES

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

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