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MICHLIN DIAZO PRODUCTS CORP -- AQUA AMMONIA, AMMONIUM HYDROXIDE SOLUTION #2 -- 6810-00-222-9643

Product ID:AQUA AMMONIA, AMMONIUM HYDROXIDE SOLUTION #2

MSDS Date:12/01/1989

FSC:6810

NIIN:00-222-9643

MSDS Number: CCLPH === Responsible Party ===

Company Name: MICHLIN DIAZO PRODUCTS CORP

Address:10501 HAGGERTY ST

City:DEARBORN

State:MI ZIP:48126 Country:US Info Phon

e Num:313-846-5700

Emergency Phone Num:800-255-3924/313-846-5700

CAGE:8Y149

=== Contractor Identification ===

Company Name: HEARLIHY & COMPANY

Box:UNKNOW CAGE:5T005

Company Name: MICHLIN DIAZO PRODUCTS CORP

Address:10501 HAGGERTY ST

Box:City:DEARBORN

State:MI ZIP:48126 Country:US

Phone:800-255-3924

**CAGE:8Y149** 

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

Ingred Name: AMMONIUM HYDROXIDE (CERCLA)

CAS:1336-21-6

RTECS #:BQ9625000 Fraction by Wt: 25.5%

Other REC Limits: NONE RECO

MMENDED EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000 Fraction by Wt: 74.5%

Other REC Limits: NONE RECOMMENDED

Ingred Name: NON-HAZARDOUS CORROSION INHIBITOR

Fraction by Wt: TRACE

Other REC Limits: NONE RECOMMENDED

LD50 LC50 Mixture:LD50 (ORAL, RAT): 350MG/KG.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazard

S Acute and Chronic:IRRITATION & DESTRUCTION OF TISSUE ON
ANY EXPOSED PART OF THE BODY DUE TO FREEZING OF TISSUE & CAUSTIC
ACTION PRODUCED BY REACTION OF AMMONIA & BODY MOISTURE. SEVERE
COUGHING & BRONCHIAL SPASMS CAN OC CUR. AMMONIA IS NOT ACCUMULATED
IN THE BODY & THERE IS NO EVIDENCE OF CHRONIC EFFECT.

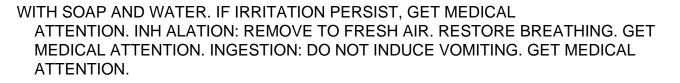
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexp

osure:EYE IRRITATION, SERIOUS OCCULAR DAMAGE, VISUAL DISTURBANCES, SCARRING OF CORNES, EYE ITCHING, CONJUNCTIVITIS, TISSUE BURNS, SKIN ITCHING, SKIN IRRITATION, THROAT IRRITATION, GI TRACT IRRITATION.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH



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

Flash Point: NONFLAMMABLE

Lower Limits:16 Upper Limits:25

Extinguishing Media: NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures: NOT CONSIDERED PRIMARY FIRE HAZARD BUT CA

SHOULD BE TAKEN TO AVOID EXPOSURE TO LIQUID PRODUCT INVOLVED IN FIRE. USE FULL PROTECTIVE GEAR AND SCBA.

Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:WEAR RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING. STOP SOURCE IF POSSIBLE. STAY UPWIND AND USE WATER SPRAY TO ABSORB EVOLVED GAS. DILUTE WITH ABUNDANCE OF WATER. REPORTABLE QUANTITY 100 POUNDS. KEE P SPILL FROM E

NTERING STREAMS OR

WATERWAYS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: KEEP AWAY FROM HEAT, SUNLIGHT OR OPEN FLAMES. STORE IN WELL-VENTILATED AREA.

Other Precautions: ANY RELEASE OF 1000 POUNDS MUST BE PROMPTLY REPORTED TO THE NATIONAL RESPONSE CENTER (1-800-424-8802).

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

Respiratory Protection: SELF CONTAINE

D BREATHING APPARATUS FOR SPILLS.

Ventilation:LOCAL EXHAUST VENTILATION REQUIRED TO COMPLY W/OSHA THRESHOLD LIMIT.

Protective Gloves: RUBBER (LATEX), NEOPRENE GLOVES.

Eye Protection: CHEMICAL SPLASH GOGGLES.

Other Protective Equipment: FACE SHILED, BOTTS, RESISTANT CLOTHING, EYEWASH STATION IN AREA.

Work Hygienic Practices: WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

WASH CONTAMINATED CLOTHING BEFOR

E REUSE.
========== Physical/Chemical Properties ============
HCC:B1 Boiling Pt:=27.2C, 80.1F Melt/Freeze Pt:=-75.C, -103.F
Decomp Temp:Decomp Text:NOT GIVEN Vapor Pres:550 Vapor Density:< 1 Spec Gravity:0.8974 pH:12.0
Evaporation Rate & Evaporation R
========= Stability and Reactivity Data ===========
Stability Indica tor/Materials to Avoid:YES
SULFURIC ACID, STRONG MINERAL ACIDS, HYPOCHLORITE SOLUTIONS(BLEACH) HALOGENS, SODIUM HYDROXIDE, METALS Stability Condition to Avoid:EXCESSIVE HEAT.

Hazardous Decomposition Products: WILL LIBERATE AMMONIA IF HEATED.

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

Waste Disposal Methods: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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