

ALDRICH CHEMICAL CO INC. -- Q1449-6 HARDNESS TITRATING SOLUTION -- 6810-01-072-1978

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Product Identification
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Product ID:Q1449-6 HARDNESS TITRATING SOLUTION

MSDS Date:01/14/1992

FSC:6810

NIIN:01-072-1978

MSDS Number: BMQMG

=== Responsible Party ===

Company Name:ALDRICH CHEMICAL CO INC.

Address:1001 W. ST. PAUL AVE

Box:355

City:MILWAUKEE

State:WI

ZIP:53201

Country:US

Info Phone Num:414-27

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Preparer's Name:BETH SHEPHARD

CAGE:60928

=== Contractor Identification ===

Company Name:ALDRICH CHEMICAL CO INC

Address:1001 WEST ST PAUL AVE

Box:355

City:MILWAUKEE

State:WI

ZIP:53233

Country:US

Phone:414-273-3850

CAGE:60928

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Composition/Information on Ingredients
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Ingred Name:ETHYLENEDIAMINETETRAACETIC ACID, DISODIUM SALT

CAS:139-33-3

RTECS #:AH4375000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 2000 MG/KG

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: RESPIRATORY SYSTEM

IRRITATION. EYES: IRRITATION. SKIN: IRRITATION. INGESTION:

"EXCESSIVE CHELATION SYNDROME". POSSIBLE KIDNEY DAMAGE. CHRONIC:

NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:THI

S COMPOUND CONTAINS NO INGREDIENTS AT

CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.

Effects of Overexposure:INHALATION: COUGHING, WHEEZING, SHORTNESS OF

BREATH, CHEST PAIN. EYES: REDNESS, TEARING, PAIN, BLURRED VISION.

SKIN: REDNESS, RASH, ITCHING. INGESTION: STOMACH PAIN, NAUSEA,

VOMITING, LIGHT HEADEDNESS , DIZZINESS, VERTIGO, DIARRHEA,

HEADACHE, FREQUENT URINATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING

EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH

WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION.

INHALATION: REM OVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION

IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE

VOMITING. RINSE MOUTH & DRINK LARGE AMOUNTS OF WATER. GET MEDICAL

ATTENTION.

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

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:WEAR PROPER PROTECT

IVE CLOTHING. COVER WITH SAND AND SODA ASH. VENTILATE AREA. TAKE UP AND CONTAINERIZE FOR PROPER DISPOSAL.

Neutralizing Agent:SODA ASH

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE ABOVE 62F, BUT AWAY FROM DIRECT HEAT, IGNITION SOURCES & OXIDIZERS. RESIDUE MAY MAKE "EMPTY" BOTTLES HAZARDOUS.

Other Precautions:DO NOT BREATHE VAPOR. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:NONE NORMALLY REQUIRED. WEAR A NIOSH/MSHA APPROVED CHEMICAL CARTRIDGE RESPIRATOR IF VENTILATION IS INADEQUATE.

Ventilation:MATERIAL MUST BE HANDLED OR TRANSFERRED IN AN APPROVED FUME HOOD OR WITH EQUIVALENT VENTILATION.

Protective Gloves:NEOPRENE, NATURAL RUBBER, OR PVC

Eye Protection:CHEMICAL SAFETY SPLASH GOGGLES

Other Protective Equipment:WEAR IMPERVIOUS WORK CLOTHING. USE RUBBER

APRON OR BOOTS IF NEEDED. HAVE EMERGENCY EYE WASH AND SAFETY SHOWER AVAILABLE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MIST. DO NOT INGEST. READ PRECAUTIONS ON LABEL BEFORE USE.

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

HCC:N1

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSAL MUST BE MADE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer

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