

ALLIED ENTERPRISES, INC. -- P-98,9 G 154 -- 6850-01-278-4421

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

Product ID:P-98,9 G 154

MSDS Date:06/01/1997

FSC:6850

NIIN:01-278-4421

MSDS Number: BXRCQ

=== Responsible Party ===

Company Name:ALLIED ENTERPRISES, INC.

Address:814 W. 45TH STREET

Box:6159

City:NORFOLK

State:VA

ZIP:23508-2008

Country:US

Info Phone Num:757-489-8282

Emergency Phone Num:757-489-8282/800-

535-5053

CAGE:58396

=== Contractor Identification ===

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

Ingred Name:GLYCOL ETHER/TRIPROPYLENE GLYCOL METHYL ETHER

CAS:10213-77-1

RTECS #:UB8050000

Minumum % Wt:2.

Maxumum % Wt:8.

Other REC Limits:25 PPM (MFR)

Ingred Name:POTASSIUM HYDROXIDE (CERCLA)

CAS:1310-58-3

RTECS #:TT2100

000

Minumum % Wt:0.

Maxumum % Wt:5.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:NONIONIC SURFACTANT/NONYLPHENOL POLYETHOXATE

CAS:9016-45-9

RTECS #:MD0900000

Minumum % Wt:0.

Maxumum % Wt:5.

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM METASILICATE

CAS:6834-92-0

RTECS #:VV9275000

Minumum % Wt:0.

Maxumum % Wt:5.

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM SALT OF EDTA/TETRASODIUM ETHYLENE DI
AMINE

TETRAACETATE

CAS:64-02-8

RTECS #:AH5075000

Minumum % Wt:0.

Maxumum % Wt:5.

Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: TO 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT RELEVANT

ACGIH TLV:NOT RELEVANT

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.

Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

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alth Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY & GI TRACTS. ACUTE- INHALATION OF MISTS/VAPORS MAY CAUSE NOSE, THROAT, LUNG IRRITATION. MAY CAUSE SEVERE EYE IRRITATION & CORNEAL DAMAGE. MAY CAUSE SKIN SWELLING & DAMAGE. INGESTION CAN BE IRRITATING &CORROSIVE TO MOUTH & THROAT. MAY CAUSE HEADACHE, COLLAPSE. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SEVERE IRRITATION, NAUSEA, PAIN, VOMITING, DIARRHEA, HEADACHE, COLLA PSE, SKIN AND EYE DAMAGE

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS MAY BE MORE SUCCEPTIBLE TO THE EFFECTS FROM EXPOSURE TO THIS PRODUCT.

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First Aid Measures
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First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:IMMEDIATELY FLUSH WITH PLENTY OF WATER. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. CALL PHYSICIAN. INHALED:MOVE TO FRESH AIR . ORAL :DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK LARGE AMOUNT OF WATER. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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Fire Fighting Measures
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Flash Point:NONE

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CO

NTAINED BREATHING APPARATUS. MAY FORM HAZARDOUS DECONPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures
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Spill Release Procedures:ABSORB SPILL WITH INERT MATERIAL SUCH AS VERMICULITE. PLACE IN A CONTAINER FOR DISPOSAL. CLEAN AREA THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent:WEAK ACID

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Handling and Storage
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Handling and Storage Precautions:STORE IN

CLOSED CONTAINERS AWAY FROM

STRONG ACIDS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:AVOID CONTACT WITH EYES, SKIN AND CLOTHING. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:NONE SHOULD BE NEEDED.

Ventilation:GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS (10 ROOM VOLUMES PER HOUR).

Protective Gloves:NITRILE RUBBER, NEOPRENE RUBBER

Eye Protection:SAFETY GOGGLES/GLASSES WITH SIDE SHIELDS

Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF EXPOSURE.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:B1

NRC/State Lic

Num:NOT RELEVANT

Boiling Pt:=98.9C, 210.F

Vapor Pres:20 @ 68F

Vapor Density:>1

Spec Gravity:1.042

pH:11

Evaporation Rate & Reference:85

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:ALKALINE VAPORS IN A FIRE

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

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT

TO FEDERAL, STATE OR LOCAL REGULATIONS. FLUSH TO SEWER WITH LARGE AMOUNT OF WATER, IF PERMITTED. FOR LARGE AMOUNTS, CONTRACT WITH A LICENSED CHEMICAL DISPOSAL AGENCY.

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