

ALLIED ENTERPRISES, INC. -- 9G154, FORMULA P98 -- 6850-01-278-4421

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

Product ID:9G154, FORMULA P98

MSDS Date:06/01/1999

FSC:6850

NIIN:01-278-4421

Status Code:A

MSDS Number: CKVGH

=== 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 P

hone Num:757-489-8282

CAGE:58396

=== Contractor Identification ===

Company Name:ALLIED ENTERPRISES, INC.

Address:814 W. 45TH STREET

Box:6159

City:NORFOLK

State:VA

ZIP:23508-2008

Country:US

Phone:757-489-8282

CAGE:58396

Company Name:RADIAN INTL LLC

Address:8501 N MOPAC BLVD

Box:201088

City:AUSTIN

State:TX

ZIP:78720-1088

Country:US

Phone:512-419-5224

Contract Num:SP0450-00-D-4021

CAGE:29913

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

Ingred Name:WATER

CAS:7732-18-5

RTECS

#:ZC0110000
Fraction by Wt: TO 100%

Ingred Name:GLYCOL ETHER
CAS:25498-49-1
RTECS #:UB8070000
Minumum % Wt:2.
Maxumum % Wt:8.
OSHA PEL:25 PPM
ACGIH TLV:25 PPM

Ingred Name:POTASSIUM HYDROXIDE
CAS:1310-58-3
RTECS #:TT2100000
Minumum % Wt:0.
Maxumum % Wt:5.
ACGIH STEL:C2 MG/M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:NONIONIC SURFACTANT
CAS:9016-45-9
RTECS #:AX0247000
Minumum % Wt:0.
Maxumum % Wt:5.

Ingred Name:SODIUM METASILICATE
CAS:6834-92-0
RTECS #:VV9275000
Minumum % Wt:0.
Ma
xumum % Wt:5.

Ingred Name:SODIUM SALT OF EDTA
CAS:64-02-8
RTECS #:AH5075000
Minumum % Wt:0.
Maxumum % Wt:5.

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===== Hazards Identification =====
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LD50 LC50 Mixture:NOT PROVIDED BY MANUFACTURER
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN: SEVERE SKIN IRRITANT, MAY CAUSE
MODERATE REDDENING, SWELLING, AND POSSIBLE SKIN DAMAGE. EYES:
SEVERE EYE IRRITANT. L

LIQUID AND MISTS MAY DAMAGE EYES CAUSING CORNEAL DAMAGE. INHALATION: VAPORS AND MIST MAY BE IRRITATING TO MUCOUS MEMBRANES IN THE NOSE, THROAT, AND LUNGS. INGESTION: IRRITATING AND CORROSIVE TO THE MOUTH AND THROAT, MAY CAUSE HEADACHE, NAUSEA, ABDOMINAL PAIN, VOMITING AND DIARRH EA. EXCESSIVE AMOUNTS MAY CAUSE COLLAPSE.

Explanation of Carcinogenicity:NOT PROVIDED BY MANUFACTURER

Effects of Overexposure:SKIN: SEVERE SKIN IRRITANT, MAY CAUSE MODERATE REDDENING, SWELLING, AN

D POSSIBLE SKIN DAMAGE. EYES: SEVERE EYE IRRITANT. LIQUID AND MISTS MAY DAMAGE EYES CAUSING CORNEAL DAMAGE. INHALATION: VAPORS AND MIST MAY BE IRRITATING TO MUCOUS MEMBRANES IN THE NOSE, THROAT, AND LUNGS. INGESTION: IRRITATING AND CORROSIVE TO THE MOUTH AND THROAT, MAY CAUSE HEADACHE, NAUSEA, ABDOMINAL PAIN, VOMITING AND DIARRH EA. EXCESSIVE AMOUNTS MAY CAUSE COLLAPSE.

Medical Cond Aggravated by Exposure:NOT PROVIDED BY MANUFACTURER

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First Aid Measures

First Aid:SKIN: FLUSH WITH WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. EYES: FLUSH WITH LARGE QUANTITIES OF WATER, HOLDING EYELIDS OPEN. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: GET TO FRESH AIR. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. INGESTION: DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF WATER. SEEK MEDICAL ATTENTION IMMEDIATELY.

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Fire Fighting Measures

Fire Fighting Procedures:NON FLAMMABLE.

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Accidental Release Measures

Spill Release Procedures:MOP UP OR OTHERWISE ABSORB AND HOLD FOR DISPOSAL.

Neutralizing Agent:NOT PROVIDED BY MANUFACTURER

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Handling and Storage

Handling and Storage Precautions:AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. KEEP OUT OF REACH OF CHILDREN. FOR USE BY TRAINED PERSONNEL ONLY. KEEP CONTAINER CLOSED DURING STORAGE. FOR

INSTITUTIONAL AND INDUSTRIAL USE ONLY.
Other Precautions:NOT PROVIDED BY MANUFACTURER

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

Respiratory Protection:USE IN WELL VENTILATED AREA.
Ventilation:PROVIDE LOCAL EXHAUST TO KEEP TLV BELOW ACCEPTABLE LIMIT.
Protective Gloves:CHEMICAL RESISTANT RUBBER OR NEOPRENE
Eye Protection:SAFETY GLASSES.
Other Protective Equipment:EYEWASH STATION, CHEMICAL RESISTANT APRON.
Work Hygienic Practices:NOT PROVIDED BY MANUFACTURER
Supplement
al Safety and Health
PRODUCT CODE: 9G154.

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

HCC:B3
Boiling Pt:=-98.9C, 210.F
Vapor Pres:20 MMHG@68F
Vapor Density:>1
Spec Gravity:1.042
pH:11.0+/-0.5
Evaporation Rate & Reference: