

DOD Hazardous Materials Information System
DoD 6050.5-L
AS OF July 1998

FSC: 6810
NIIN: 00F006042
Manufacturer's CAGE: 89975
Part No. Indicator: B
Part Number/Trade Name: R-0005 ADR REAGENT

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General Information
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Item Name:
Company's Name: TAYLOR TECHNOLOGIES INC
Company's Street: 31 LOVETON CIRCLE
Company's P. O. Box: N/K
Company's City: SPARKS
Company's State: MD
Company's Country: US
Company's Zip Code: 21152-9201
Company's Emerg Ph #: 410-472-4340
Company's Info Ph #: 410-472-4340
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: F
Record No. For Safety Entry: 002
Tot Safety Entries This Stk#: 002
Status: FE
Date MSDS Prepared: 01FEB92
Safety Data Review Date: 24JAN95
Supply Item Manager:
MSDS Preparer's Name:
Preparer's Company: TAYLOR TECHNOLOGIES INC
Preparer's St Or P. O. Box: 31 LOVETON CIRCLE
Preparer's City: SPARKS
Preparer's State: MD
Preparer's Zip Code: 21152-9201
Other MSDS Number:
MSDS Serial Number: BWHJJ
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code:
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:
Net Unit Weight:

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NRC/State License Number:
Net Explosive Weight:
Net Propellant Weight-Ammo:
Coast Guard Ammunition Code:

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: SULFURIC ACID (SUSPECTED HUMAN CARCINOGEN BY IARC - GROUP 1)
*94-4*
Ingredient Sequence Number: 01
Percent: <1
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: WS5600000
CAS Number: 7664-93-9
OSHA PEL: 1 MG/CUM
ACGIH TLV: 1 MG/CUM=IC
Other Recommended Limit: N/K
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Proprietary: NO
Ingredient: WATER
Ingredient Sequence Number: 02
Percent: <100
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: ZC0110000
CAS Number: 7732-18-5
OSHA PEL: N/K
ACGIH TLV: N/K
Other Recommended Limit: N/K
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Physical/Chemical Characteristics

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Appearance And Odor: CLEAR COLORLESS LIQUID W/NO ODOR
Boiling Point: 212F
Melting Point: N/K
Vapor Pressure (MM Hg/70 F): 17
Vapor Density (Air=1): 0.6
Specific Gravity: 1
Decomposition Temperature: N/K
Evaporation Rate And Ref: N/K
Solubility In Water: COMPLETE
Percent Volatiles By Volume: 100
Viscosity:
pH: 1.3
Radioactivity:
Form (Radioactive Matl):
Magnetism (Milligauss):
Corrosion Rate (IPY): N/K
Autoignition Temperature:

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Fire and Explosion Hazard Data

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Flash Point: N/R
Flash Point Method: N/P
Lower Explosive Limit: N/R
Upper Explosive Limit: N/R
Extinguishing Media: DRY CHEMICAL, CO2.
Special Fire Fighting Proc: WEAR SCBA (IN POSITIVE PRESSURE) & FULL
PROTECTIVE CLOTHING.
Unusual Fire And Expl Hazrds: MAY REACT VIOLENTLY W/WATER. MAY REACT W/
METALS TO PRODUCE HYDROGEN GAS. MAY IGNITE COMBUSTIBLE MATERIALS.
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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): EXTREME HEAT, TEMPS, DIRECT SUNLIGHT.
Materials To Avoid: STRONG ALKALI, METALS.
Hazardous Decomp Products: MAY EMIT TOXIC FUMES OF SULFURE OXIDES. REACTS
W/METALS TO PRODUCE HYDROGEN GAS.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): N/K
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Health Hazard Data

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LD50-LC50 Mixture: ORAL LD50 (RAT): 2140 MG/KG (SEE SUP)
Route Of Entry - Inhalation: NO
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: EYES/SKIN: IRRITATION, MAY CAUSE BURNS.
INGESTION: MAY CAUSE GI IRRITATION.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: YES
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: SEE INGREDIENTS
Signs/Symptoms Of Overexp: IRRITATION, BURNS.
Med Cond Aggravated By Exp: EYE & SKIN CONDITIONS.
Emergency/First Aid Proc: EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINS.
SKIN: WASH THOROUGHLY W/BAKING SODA, SOAP & WATER. INGESTION: GIVE LARGE
AMOUNTS OF WATER/LARGE AMOUNTS OF WATER W/MILK OF MAGNESIA. DON'T INDUCE
VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.
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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: NEUTRALIZE. ABSORB W/VERMICULITE/OTHER INERT
MATERIAL. CONTAINERIZE FOR LATER DISPOSAL.
Neutralizing Agent: SODA ASH.
Waste Disposal Method: INCINERATION/OTHER METHOD IAW/FEDERAL, STATE &
LOCAL REGULATIONS.
Precautions-Handling/Storing: STORE IN A COOL, DRY AREA. AVOID DIRECT
SUNLIGHT.
Other Precautions: AVOID CONTACT W/EYES, SKIN & CLOTHING. AVOID BREATHING
CHEMICAL.
  
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Control Measures

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Respiratory Protection: N/K
Ventilation: N/K
Protective Gloves: GENERAL PURPOSE
Eye Protection: SAFETY GLASSES
Other Protective Equipment: LAB COAT
Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.
Suppl. Safety & Health Data: ORAL LD50 INFORMATION IS FOR SULFURIC ACID.
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Transportation Data

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Transportation Action Code:
Transportation Focal Point:
Trans Data Review Date:
DOT PSN Code:
DOT Symbol:
  
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DOT Proper Shipping Name:
 DOT Class:
 DOT ID Number:
 DOT Pack Group:
 DOT Label:
 DOT/DoD Exemption Number:
 IMO PSN Code:
 IMO Proper Shipping Name:
 IMO Regulations Page Number:
 IMO UN Number:
 IMO UN Class:
 IMO Subsidiary Risk Label:
 IATA PSN Code:
 IATA UN ID Number:
 IATA Proper Shipping Name:
 IATA UN Class:
 IATA Subsidiary Risk Class:
 IATA Label:
 AFI PSN Code:
 AFI Symbols:
 AFI Prop. Shipping Name:
 AFI Class:
 AFI ID Number:
 AFI Pack Group:
 AFI Label:
 AFI Special Prov:
 AFI Basic Pac Ref:
 MMAC Code:
 N.O.S. Shipping Name:
 Additional Trans Data:

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Disposal Data

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Disposal Data Action Code:
 Disposal Data Focal Point:

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Disposal Data Review Date:
 Rec # For This Disp Entry:
 Tot Disp Entries Per NSN:
 Landfill Ban Item:
 Disposal Supplemental Data:
 1st EPA Haz Wst Code New:
 1st EPA Haz Wst Name New:
 1st EPA Haz Wst Char New:
 1st EPA Acute Hazard New:
 2nd EPA Haz Wst Code New:
 2nd EPA Haz Wst Name New:
 2nd EPA Haz Wst Char New:
 2nd EPA Acute Hazard New:
 3rd EPA Haz Wst Code New:
 3rd EPA Haz Wst Name New:
 3rd EPA Haz Wst Char New:
 3rd EPA Acute Hazard New:

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Label Data

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Label Required: YES
 Technical Review Date:
 Label Date:

MFR Label Number:
Label Status: G
Common Name: R-0005 ADR REAGENT
Chronic Hazard: N/P
Signal Word:
Acute Health Hazard-None:
Acute Health Hazard-Slight:
Acute Health Hazard-Moderate:
Acute Health Hazard-Severe:
Contact Hazard-None:
Contact Hazard-Slight:
Contact Hazard-Moderate:
Contact Hazard-Severe:
Fire Hazard-None:
Fire Hazard-Slight:
Fire Hazard-Moderate:
Fire Hazard-Severe:
Reactivity Hazard-None:
Reactivity Hazard-Slight:
Reactivity Hazard-Moderate:
Reactivity Hazard-Severe:
Special Hazard Precautions: EYES/SKIN: IRRITATION, MAY CAUSE BURNS.
INGESTION: MAY CAUSE GI IRRITATION. IRRITATION, BURNS.
Protect Eye:
Protect Skin:
Protect Respiratory:
Label Name: TAYLOR TECHNOLOGIES INC
Label Street: 31 LOVETON CIRCLE
Label P.O. Box: N/K
Label City: SPARKS

Report for NIIN: 00F006042

Label State: MD
Label Zip Code: 21152-9201
Label Country: US
Label Emergency Number: 410-472-4340
Year Procured: