

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

FSC: 6850
NIIN: 00N074246
Manufacturer's CAGE: 89524
Part No. Indicator: A
Part Number/Trade Name: 8735 PH STABILIZER

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General Information

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Item Name:
Company's Name: NALCO CHEMICAL CO
Company's Street: ONE NALCO CENTER
Company's P. O. Box:
Company's City: NAPERVILLE
Company's State: IL
Company's Country: US
Company's Zip Code: 60563-1198
Company's Emerg Ph #: 708-920-1510
Company's Info Ph #: 708-305-1000
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: N
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 24JAN96
Safety Data Review Date: 31OCT96
Supply Item Manager:
MSDS Preparer's Name: WILLIAM S. UTLEY
Preparer's Company: SAME
Preparer's St Or P. O. Box:
Preparer's City:
Preparer's State:
Preparer's Zip Code:
Other MSDS Number:
MSDS Serial Number: CCQMT
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: SODIUM HYDROXIDE (CERCLA)
Ingredient Sequence Number: 01
Percent: 20-40
Ingredient Action Code:
Ingredient Focal Point: N
NIOSH (RTECS) Number: WB4900000
CAS Number: 1310-73-2
OSHA PEL: 2 MG/M3
ACGIH TLV: 2 MG/M3, C
Other Recommended Limit: N/K
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Proprietary: NO
Ingredient: POTASSIUM HYDROXIDE (CERCLA) LD50: (ORAL, RAT) 205 MG/KG
Ingredient Sequence Number: 02
Percent: 10-20
Ingredient Action Code:
Ingredient Focal Point: N
NIOSH (RTECS) Number: TT2100000
CAS Number: 1310-58-3
OSHA PEL: 2 MG/M3, C
ACGIH TLV: 2 MG/M3, C
Other Recommended Limit: N/K
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Proprietary: NO
Ingredient: WATER
Ingredient Sequence Number: 03
Percent: N/K
Ingredient Action Code:
Ingredient Focal Point: N
NIOSH (RTECS) Number: ZC0110000
CAS Number: 7732-18-5
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)
Other Recommended Limit: N/K
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Proprietary: NO
Ingredient: SUPDAT: NOTE TO MD: PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE
USE OF GASTRIC LAVAGE. MEASURES AGAINST (ING 5)
Ingredient Sequence Number: 04
Percent: N/K
Ingredient Action Code:
Ingredient Focal Point: N
NIOSH (RTECS) Number: 9999999ZZ
CAS Number:
OSHA PEL: NOT APPLICABLE

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ACGIH TLV: NOT APPLICABLE
Other Recommended Limit: N/K
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Proprietary: NO
Ingredient: ING 4: CIRCULATORY SHOCK, RESPIRATORY DEPRESSION & CONVULSIONS
MAY BE NEEDED.
Ingredient Sequence Number: 05
Percent: N/K
Ingredient Action Code:
Ingredient Focal Point: N
NIOSH (RTECS) Number: 9999999ZZ

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CAS Number:
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: SPILL PROC: & RECLAIM INTO RECOVERY OR SALVAGE DRUMS OR TANK
 TRUCK FOR DISPOSAL. REFER TO CERCLA. IN CASE OF (ING 7)
 Ingredient Sequence Number: 06
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: 9999999ZZ
 CAS Number:
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: ING 6: TRANSPORTATION ACCIDENTS, CALL FOLLOWING 24-HOUR
 TELEPHONE NUMBER (800) I-M-ALERT OR (800) 462-5378.
 Ingredient Sequence Number: 07
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: 9999999ZZ
 CAS Number:
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: WASTE DISP METH: BEFORE DISPOSAL TO LICENSED INDUSTRIAL WASTE
 LANDFILL (HAZ WASTE TREATMENT, STORAGE & DISPOSAL (ING 9)
 Ingredient Sequence Number: 08
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: 9999999ZZ
 CAS Number:
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE

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Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: ING 8: FACILITY). A HAZ LIQUID WASTE CAN ALSO BE DEEP-WELL
 INJECTED I/A/W LOCAL, STATE & FEDERAL REGULATIONS.
 Ingredient Sequence Number: 09
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: 9999999ZZ
 CAS Number:
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE
 Other Recommended Limit: N/K

Proprietary: NO

Ingredient: PROT GLOVES: NEOPRENE, NITRILE, PVC, NATURAL RUBBER, VITON & BUTYL (COMPATIBILITY STUDIES HAVE NOT BEEN PERFORMED).

Ingredient Sequence Number: 10

Percent: N/K

Ingredient Action Code:

Ingredient Focal Point: N

NIOSH (RTECS) Number: 9999999ZZ

CAS Number:

OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE

Other Recommended Limit: N/K

Proprietary: NO

Ingredient: EYE PROT: & FULL LENGTH FACESHIELD (FP N).

Ingredient Sequence Number: 11

Percent: N/K

Ingredient Action Code:

Ingredient Focal Point: N

NIOSH (RTECS) Number: 9999999ZZ

CAS Number:

OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE

Other Recommended Limit: N/K

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Physical/Chemical Characteristics

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Appearance And Odor: COLORLESS LIQUID; NO ODOR.

Boiling Point: N/K

Melting Point: -10F, -23C

Vapor Pressure (MM Hg/70 F): N/K

Vapor Density (Air=1): N/K

Specific Gravity: 1.50-1.53

Decomposition Temperature: N/K

Evaporation Rate And Ref: N/K

Solubility In Water: COMPLETELY

Percent Volatiles By Volume: N/K

Viscosity:

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pH: SUPDAT

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: NONE

Flash Point Method: N/P

Lower Explosive Limit: N/K

Upper Explosive Limit: N/K

Extinguishing Media: MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).

Special Fire Fighting Proc: USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire And Expl Hazrds: CONTACT WITH REACTIVE METALS (E.G. ALUMINUM) MAY RESULT IN THE GENERATION OF FLAMMABLE HYDROGEN GAS.

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Reactivity Data

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Stability: YES

Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: AVOID CONTACT W/STRONG ACIDS (E.G. SULFURIC, PHOSPHORIC, NITRIC, HYDROCHLORIC, CHROMIC, SUFLONIC) WHICH CAN (SUPDAT)

Hazardous Decomp Products: NONE SPECIFIED BY MANUFACTURER.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data

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LD50-LC50 Mixture: SEE INGREDIENT 2

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: EYE CONTACT: CORROSIVE TO EYES WITH POSSIBLE PERMANENT DAMAGE DEPENDING ON THE LENGTH OF EXPOSURE AND ON THE FIRST AID ACTION GIVEN. SKIN CONTACT: CORROSIVE TO THE SKIN, POSSIBLY RESULTING IN THIRD DEGREE BURNS DEPENDING ON THE LENGTH OF EXPOSURE AND ON THE FIRST AID ACTION GIVEN. INGESTION: CAN BE (EFTS OF OVEREXP)

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT

Signs/Symptoms Of Overexp: HLTH HAZ: HARMFUL. CAN CAUSE BURNS. INHALATION: CAN BE CORROSIVE TO THE MUCOUS MEMBRANES AND THE LUNGS.

Med Cond Aggravated By Exp: A REVIEW OF AVAILABLE DATA DOES NOT IDENTIFY ANY WORSENING OF EXISTING CONDITIONS.

Emergency/First Aid Proc: EYES: IMMEDIATE FLUSH FOR AT LEAST 15 MIN WHILE HOLDING EYELIDS OPEN. CALL MD AT ONCE. SKIN: IMMEDIATE FLUSH W/WATER FOR AT LEAST 15 MIN. FOR LG SPLASH, FLOOD BODY UNDER SHOWER. CALL MD AT ONCE. INGEST: DO NOT INDUCE VOMIT. GIVE WATER. CALL MD AT ONCE. INHAL: REMOVE TO FRESH AIR. TREAT SYMPTOMS. CALL MD. NOTE TO MD: BASED ON INDIVIDUAL

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REACTIONS OF THE PATIENT, THE MD'S JUDGMENT SHOULD BE USED (SUPDAT)

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: SMALL LIQ SPILLS: CONTAIN W/ABSORB MATL SUCH AS CLAY, SOIL OR ANY COMMERCIALY AVAILABLE ABSORB. SHOVEL RECLAIMED LIQ & ABSORB INTO RECOVERY OR SALVAGE DRUMS FOR DISPOSAL. REFER TO CERCLA. LARGE LIQ SPILLS: DIKE TO PREVENT FURTHER MOVEMENT (ING 6)

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: IF THIS PROD BECOMES A WASTE, IT MEETS THE CRITERIA OF A HAZ WASTE AS DEFINED UNDER RCRA 40 CFR 261. HAZ WASTE D002. AS A HAZ LIQ WASTE, IT MUST BE SOLIDIFIED W/STABILIZING AGENTS (SUCH AS SAND, FLY ASH OR CEMENT) SO NO FREE LIQ REMAINS (ING 8)

Precautions-Handling/Storing: DANGER! CAUSES BURNS TO SKIN AND EYES. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WEAR GOGGLES & FACESHIELD WHEN HANDLING. DO NOT TAKE INTERNALLY.

Other Precautions: EMPTY CONTAINERS MAY CONTAIN RESIDUAL PRODUCT. DO NOT REUSE CONTAINER UNLESS PROPERLY RECONDITIONED.

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Control Measures

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Respiratory Protection: IF IT IS POSS TO GENERATE SIGNIFICANT LEVELS OF MIST, A NIOSH APPROVED DUST RESPIRATOR IS RECOMMENDED. FOR LARGE SPILLS, ENTRY INTO LARGE TANKS, VESSELS OR ENCLOSED SMALL SPACES W/INADEQ VENT, NIOSH APPRVD POS PRESS, SCBA IS RECOMMENDED.

Ventilation: GENERAL VENTILATION IS RECOMMENDED.

Protective Gloves: IMPERMEABLE GLOVES. EXAMPLES ARE(ING 10)
 Eye Protection: ANSI APPRVD CHEM WORKERS GOGGS (ING 11)
 Other Protective Equipment: ANSI APPRVD EYE WASH & DELUGE SHOWER (FP N).
 WEAR BOOTS, APRON. FULL SLICKER SUIT IS RECOMD IF GROSS EXPOSURE IS POSS.
 Work Hygienic Practices: IF CLOTHING IS CONTAMD, REMOVE CLOTHING &
 THOROUGHLY WASH THE AFFECTED AREA. LAUNDER CONTAMD CLOTHING BEFORE REUSE.
 Suppl. Safety & Health Data: PH (AT 5%): 14. MATL TO AVOID: GENERATE HEAT,
 SPLATTERING OR BOILING & THE RELEASE OF TOXIC FUMES. AVOID CONTACT W/
 ALUMINUM, TIN, ZINC & ZINC ALLOYS. FIRST AID PROC: TO CONTROL SYMPTOMS &
 CLINICAL CONDITION. CAUTION: IF UNCON, HAVING TROUBLE BREATHING OR IN
 CONVULSIONS, DO NOT INDUCE VOMITING OR GIVE WATER. (ING 4)

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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:
 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:

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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:
 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: 31OCT96
 Label Date: 30OCT96
 MFR Label Number:
 Label Status: G
 Common Name: 8735 PH STABILIZER

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Chronic Hazard: NO
 Signal Word: DANGER!
 Acute Health Hazard-None:
 Acute Health Hazard-Slight:
 Acute Health Hazard-Moderate: X
 Acute Health Hazard-Severe:
 Contact Hazard-None:
 Contact Hazard-Slight:
 Contact Hazard-Moderate:
 Contact Hazard-Severe: X
 Fire Hazard-None: X
 Fire Hazard-Slight:
 Fire Hazard-Moderate:
 Fire Hazard-Severe:
 Reactivity Hazard-None: X
 Reactivity Hazard-Slight:
 Reactivity Hazard-Moderate:
 Reactivity Hazard-Severe:
 Special Hazard Precautions: EXTREMELY CORROSIVE. ACUTE: EYE CONTACT:
 CORROSIVE TO EYES WITH POSSIBLE PERMANENT DAMAGE. SKIN CONTACT: CORROSIVE
 TO THE SKIN, POSSIBLY RESULTING IN THIRD DEGREE BURNS. INGESTION: CAN BE
 HARMFUL. CAN CAUSE BURNS. INHALATION: CAN BE CORROSIVE TO THE MUCOUS
 MEMBRANES AND THE LUNGS. CHRONIC: NONE LISTED BY MANUFACTURER.
 Protect Eye: Y
 Protect Skin: Y
 Protect Respiratory: Y
 Label Name: NALCO CHEMICAL CO
 Label Street: ONE NALCO CENTER
 Label P.O. Box:
 Label City: NAPERVILLE
 Label State: IL
 Label Zip Code: 60563-1198
 Label Country: US
 Label Emergency Number: 708-920-1510
 Year Procured:

