

FIREPREP 1000 FUEL CONDITIONER

MSDS Number

BLYWT

National Stock Number

9150-00N023993

Product Name

FIREPREP 1000 FUEL CONDITIONER

Manufacturer

NALCO CHEMICAL CO

Product Identification

Product ID:FIREPREP 1000 FUEL CONDITIONER

MSDS Date:01/20/1988

FSC:9150

NIIN:00N023993

MSDS Number: BLYWT

Responsible Party

NALCO CHEMICAL CO

ONE NALCO CENTER

NAPERVILLE , IL 60563-1198

US

Emergency Phone: 708-920-1510

Info Phone: 708-305-1000

Preparer: JOHN J KASPER

Cage: 89524

Contractor

ONDEO NALCO COMPANY

NAPERVILLE, IL 60563-1198

US

(630) 305-1000

Cage: 89524

Ingredients

IMIDAZOLINE; (HYDROXYETHYLALKYL)

CAS: 61791-39-7

Fraction By Weight: 1.19%

ALIPHATIC PETROLEUM DISTILLATES

CAS: 68476-30-2

Fraction By Weight: 40%+

OSHA PEL100 PPM

ACGIH TLV: 100 PPM

SOLVENT NAPHTHA; (HEAVY AROMATIC NAPHTHA)

CAS: 64742-94-5

RTECS: WF3100000

Fraction By Weight: 1-10%

INDIV RXN OF PATIENT, THE PHYSICIAN'S

RTECS: 9999999ZZ

IF UNCON, HAVING TROUBLE BRTHG/IN

RTECS: 9999999ZZ

MUCOSAL DMG MAY CONTRAINDICATE THE USE OF GASTRIC

RTECS: 9999999ZZ

AND CONVULSIONS MAY BE NEEDED.

RTECS: 9999999ZZ

FOR LRG INDOOR, EVAC EMPLOYEES & VENT AREA.

RTECS: 9999999ZZ

EQUIP.KEEP SPILL AWAY FROM HEAT, SPARKS, FLAMES &

RTECS: 9999999ZZ

THE AIRBORNE CONC EXCEEDS THE TLV.THIS PROD IS TOX TO

RTECS: 9999999ZZ

PONDS, STREAMS, WATERWAYS OR PUBLIC WATER SUPPLIES.

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:EYE: CORR W/POSS PERM DMG DEPENDING ON LENGTH OF EXPOS & ON FIRST AID ACTION GIVEN. SKIN: CORR, POSS RESULTING IN THIRD DEGREE BURNS DEPENDING ON LENGTH OF EXPOS & ON FIRST AID ACTION GIVEN. CAN BE HA RMFUL IF ABSORBED. INGEST: CAN BE HARMFUL/FATAL. INHAL: PRLNGD INHAL OF MIST/VAP MAY CAUSE NAUS, DIZZ, (SUPP DATA)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:A REVIEW OF AVAILABLE DATA DOES NOT IDENTIFY ANY SYMPTOMS FROM EXPOSURE.

Medical Cond Aggravated by Exposure:A REVIEW OF AVAILABLE DATA DOES NOT IDENTIFY ANY WORSENING OF EXISTING CONDITIONS.

First Aid

First Aid:EYE:IMMED FLUSH FOR AT LEAST 15 MIN WHILE HOLDING LIDS OPEN.CALL MD IMMED.SKIN:IMMED FLUSH W/WATER FOR AT LEAST 15 MIN.FOR LRG SPLASH,FLOOD BODY UNDER SHOWER.CALL MD IMMED.INGEST:DO NOT INDUCE VOMIT.G IVE WATER.CALL MD IMMED.INHAL:REMOVE TO FRESH AIR.TREAT SYMP.CALL MD IMMED.IF BRTHG STOPS,GIVE CPR.ADMINISTER OXYGEN.CALL MD IMMED.NOTE TO MD:NO SPECIFIC ANTIDOTE IS KNOWN.BASED

ON THE (ING 4)

Fire Fighting

Flash Point Method:PMCC

Flash Point:170F,77C

Extinguishing Media:BASED ON NFPA GUIDE, DRY CHEM, ALCOHOL FOAM, CO*2/OTHER EXTING AGENT SUITABLE FOR CLASS B FIRES. USE WATER (SUPP DATA)

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:MAY EVOLVE NO*X UNDER FIRE CONDITIONS.

Accidental Release

Spill Release Procedures:SM LIQ:CONTAIN W/ABSORB MATL,SUCH AS CLAY, SOIL/ANY COMMERCIALY AVAIL ABSORB.SHOVEL RECLAIMED LIQ & ABSORB IN RECOVERY/SALVAGE DRUMS FOR DISP.LRG LIQ:DIKE TO PVNT FURTHER MOVEMENT & RECLAIM IN RECOVE RY/SALVAGE DRUMS/TANK TRUCK FOR DISP. (ING 8)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP AWAY FROM HEAT, AND OPEN FLAME. KEEP CNTNR CLSD WHEN NOT IN USE. AVOID BRTHG VAP. USE W/ADEQ VENT. DO NOT TAKE INTERNALLY.

Other Precautions:EMPTY CNTNRS MAY CONTAIN RESIDUAL PRODUCT. DO NOT REUSE CNTNR UNLESS PROPERLY RECONDITIONED. CAUSES SEVERE EYE AND SKIN DMG. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.

Exposure Controls

Respiratory Protection:IF POSS TO GENERATE SIGNIFICANT LEVELS OF VAPS/MISTS, A NIOSH/MSHA APPRVD OR EQUIVALENT RESP IS REC. FOR LRG SPILLS, ENTRY IN LRG TANKS, VESSELS/ENCLSD SM SPACES W/INADEQ VENT, A NIOSH/MSHA APPRVD SCB A IS REC.

Ventilation:GENERAL VENT IS REC. ADDITIONALLY, LOCAL EXHAUST VENT IS RECOMMENDED WHERE VAPS, MISTS OR AEROSOLS MAY BE RELEASED.

Protective Gloves:PROTECTIVE GLOVES.

Eye Protection:CHEM WORK GOG & FULL LENGTH FSHLD.

Other Protective Equipment:BOOTS, APRON. A FULL SLICKER SUIT IS RECOMMENDED IF GROSS EXPOSURE IS POSS. EYE WASH FOUNTAIN & SAFETY SHOWER IS REC.

Work Hygienic Practices:IF CLOTHING IS CONTAMINATED, REMOVE CLOTHING & THORO WASH AFFECTED AREA. LAUNDER CONTAM CLOTHING BEFORE REUSE.

Supplemental Safety and Health

EXT MEDIA:TO COOL CNTNRS EXPSD TO FIRE.FOR LRG FIRES,USE WATER

SPRAY/FOG,THORO DRENCHING BURNING MATL.MATL TO

AVOID:PERMANGANATES)WHICH CAN GENERATE HEAT, FIRES, EXPLO & RELEASE OF TOX FUMES.HLTH HAZ: LIGHT-HEADEDNESS, VOMIT/UNCON DEPENDINGON LENGTH OF EXPOS & FIRST AID ACTION GIVEN.CAN BE CORR TO MUC MEMB & LUNGS.

Chemical Properties

HCC:V4

Spec Gravity:0.90 @ 60F

Solubility in Water:INSOLUBLE

Appearance and Odor:DARK AMBER LIQUID WITH A HYDROCARBON ODOR.

Stability

Stability Indicator/Materials to Avoid:YES

AVOID CONT W/STRONG OXIDIZERS (E.G. CHLORINE, PEROXIDES, CHROMATES, NITRIC ACID, PERCHLORATES, CONC OXYGEN, (SUPP DATA)

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:IN EVENT OF COMBUST CO, CO*2, NO*X MAY BE FORMED.

Disposal

Waste Disposal Methods:AS A NON-HAZARDOUS LIQUID WASTE, IT SHOULD BE SOLIDIFIED BEFORE DISPOSAL TO A SANITARY LANDFILL. CAN BE

INCINERATED IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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