

NAVY BRAND MANUFACTURING COMPANY -- DEO DIS -- 6840-01-248-9064

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

Product ID:DEO DIS

MSDS Date:12/21/1989

FSC:6840

NIIN:01-248-9064

MSDS Number: BJKKJ

=== Responsible Party ===

Company Name:NAVY BRAND MANUFACTURING COMPANY

Address:5111 SOUTHWEST AVENUE

City:ST LOUIS

State:MO

ZIP:63110

Country:US

Info Phone Num:314-865-5500

Emergency Phone Num:314-865-5500

Preparer'

s Name:RUDOLF OPPENHEIM

CAGE:FO773

=== Contractor Identification ===

Company Name:NAVY BRAND MANUFACTURING COMPANY

Address:5111 SOUTHWEST AVE

City:ST. LOUIS

State:MO

ZIP:63110

Phone:(314) 865-5500

CAGE:FO773

Company Name:NAVY BRAND MFG CO

Address:5111 SOUTHWEST AVE

Box:City:ST LOUIS

State:MO

ZIP:63110-3429

Country:US

CAGE:1Y165

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

Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 53.46%

Other REC

Limits:N/K
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192

Ingred Name:2-PHENYLPHENOL (SARA III)
CAS:90-43-7
RTECS #:DV5775000
Fraction by Wt: 0.176%
Other REC Limits:N/K

Ingred Name:PARATERTIARYAMYPHENOL
Fraction by Wt: 0.044%
Other REC Limits:N/K
OSHA PEL:N/K
ACGIH TLV:N/K

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

LD50 LC50 Mixture:N/K
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INJURIOUS TO EYES.HARMFUL IF SWALLOWED.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES:INJURIOUS.SKIN:PROLONGED CONTACT WITH SKIN MAY CAUSE IRRITATION.INGESTION:HARMFUL IF SWALLOWED.INHALATION:AVOID BREATHING SPRAY OR MIST.
Medical Cond Aggravated by Exposure:N/K

===== First Aid Measures =====

First Aid:EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES AND CONTACT A PHYSICIAN/OPHTHALMOLOGIST.SKIN:WASH WITH SOAP AND WATER.INGESTION:GIVE LARGE AMOUNTS OF WATER OR MILK & GET IMMEDIATE MEDICAL AID.INHALATION :REMOVE TO FRESH AIR.SUPPORT BREATHING (GIVE O*2/ARTIFICIAL RESPIRATION) .

===== Fire Fighting Measures =====

Flash Point Method:TCC
Flash Point:73F,23C
Lower Limits:29.0
Upper Limits:6.0
Extinguishing Media:CO*2,DRY CHEMICAL,FOAM.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .KEEP FIRE EXPOSED CONTAINERS COOL WITH WATER

TH WATER SPRAY TO
PREVENT BURSTING.

Unusual Fire/Explosion Hazard:USE RESPIRATORY PROTECTION WHEN FIGHTING
FIRES WHERE EXPOSURE TO VAPORS & GASES IS POSSIBLE.

===== Accidental Release Measures =====

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION.VENTILATE
AREA.MOP UP SPILLS AND RINSE WITH WATER.

Neutralizing Agent:N/K

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN DRY,COOL PLACE A
BOVE

FREEZING.STORE BELOW 120F,49C.

Other Precautions:KEEP OUT OF REACH OF CHILDREN.FOR INDUSTRIAL OR
INSTITUTIONAL USE ONLY.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR
EXPOSURE OF CONCERN .

Ventilation:LOCAL AND GENERAL VENTILATION NECESSARY TO KEEP AIR
CONCENTRATION BELOW TLV .

Protective Gloves:RUBBER

Eye Protection:CHEMICAL WORKERS GOGGLES .

Work Hygienic Practices:WASH CLOTHES WI
TH SOAP AND WATER.

Supplemental Safety and Health

ROUTES OF ENTRY:INHALATION/SKIN/INGESTION .TLV:1000 PPM.

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

Boiling Pt:B.P. Text:180F,82C

Melt/Freeze Pt:M.P/F.P Text:N/K

Decomp Temp:Decomp Text:N/K

Vapor Pres:40 MMHG

Vapor Density:1.3,AIR=1

Spec Gravity:0.87 (WATER=1)

Evaporation Rate & Reference:>1 (BUTYL ACETATE=1)

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR,THIN LIQUID;PLEASANT ODOR.

Percent Volatiles by Volu

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

Stability Indicator/Materials to Avoid: YES
POLISHED WOOD, FURNITURE AND RAYON PRODUCTS.
Stability Condition to Avoid: HEAT FROM SPARKS OR OPEN FLAME.
Hazardous Decomposition Products: N/K
Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH
FEDERAL, STATE AND LOCAL REGULATIONS. DO NOT PUNCTURE OR
INCINERATE
CONTAINERS.

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