

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 A
cute 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 SO
AP 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 W

ITH 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
ABOVE

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 W
ITH 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 Vol

===== 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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.