

DINOL U.S., INC. -- DINITROL AV 100D -- 6850-01-370-2596

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Product Identification
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Product ID:DINITROL AV 100D
MSDS Date:07/30/1996
FSC:6850
NIIN:01-370-2596
Status Code:A
MSDS Number: CJKNH
=== Responsible Party ===
Company Name:DINOL U.S., INC.
Address:14826 NE 95TH STREET
City:REDMOND
State:WA
ZIP:98052
Country:US
Info Phone Num:425-556-5114
Emergency Phone Num:020-996000+4608337043
Pr
eparer's Name:LENA ALMESTRAND
CAGE:0L040
=== Contractor Identification ===
Company Name:DINOL U.S., INC.
Address:14826 NE 95TH STREET
Box:City:REDMOND
State:WA
ZIP:98052
Country:US
Phone:425-556-5114/800-331-4304
Contract Num:SP0450-99-M-NA43
CAGE:0L040

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Composition/Information on Ingredients
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Ingred Name:NAPHTHA (PETROLEUM), HYDROTREATED HEAVY
CAS:64742-48-9
Minumum % Wt:20.
Maxumum % Wt:30.

Ingred Name:BARIUM DINONYLNAPHTHALENESULFONATE
CAS:25619-56-1
Minumum % W

t:5.
Maxumum % Wt:10.

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Hazards Identification
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LD50 LC50 Mixture:>5000 MG/KG
Health Hazards Acute and Chronic:ACUTE: MAY BE HARMFUL AT INHALATION AT LONG EXPOSURE. DRIES THE SKIN. MAY BE HARMFUL AT INGESTION. FLAMMABLE.
Explanation of Carcinogenicity:NOT PROVIDED.
Effects of Overexposure:SKIN: DRY SKIN. INGESTION: COUGH, VOMITING. EYES: DISCOMFORT.
Medical Cond Aggravated by Exposure:NOT PROVIDED.

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First Aid Measures
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First Aid:INHALATION: FRESH AIR AND REST. ALTERNATIVELY ARTIFICIAL RESPIRATION. INGESTION: GIVE 3 OZ OF USP WHITE MINERAL OIL OR EDIBLE VEGETABLE OIL TO DRINK. TO HOSPITAL IF STRONG COUGH OR VOMITING OCCURS, O R IF LARGER QUANTITY HAS BEEN CONSUMED.DO NOT INDUCE VOMITING. SKIN: REMOVE SOAKED CLOTHING. WASH SKIN WITH SOAP AND WATER. EYES: RINSE WITH WATER. CONTACT PHYSICIAN IF DISCOMFORT CONTINUES.

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Fire Fighting Measures
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Flash Point Method:PMCC
Flash Point:>47.C, 116.6F
Autoignition Temp:>200.C, 392.F
Lower Limits:0.50
Upper Limits:7
Extinguishing Media:FIRE MAY BE EXTINGUISHED USING POWDER, FOAM OR CARBON DIOXIDE (CO2). CONTAINERS CLOSE TO FIRE SHOULD BE REMOVED OR COOLED WITH WATER.
Fire Fighting Procedures:FIRE MAY BE EXTINGUISHED USING POWDER, FOAM OR CARBON DIOXIDE (CO2). CONTAINERS CLOSE TO FIRE SHOULD BE REMOVED OR COOLED WITH WATER.
Unusual Fire/Explosion H

azard:MAY REACT VIOLENTLY WITH OXIDIZING MATERIALS.

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

Spill Release Procedures:ABSORB IN VERMICULITE, DRY SAND OR EARTH AND PLACE INTO CONTAINERS. COLLECT SPILLAGE IN CONTAINERS, SEAL SECURELY AND DELIVER FOR DISPOSAL ACCORDING TO LOCAL REGULATIONS.
Neutralizing Agent:NOT PROVIDED.

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

Handling and Storage Precautions:PROVIDE GOOD VENTILATION. MECHANICAL VENTILATION OR LOCAL EXHAUST VENTILATIONMAY BE REQUIRED. STORE AT MODERATE TEMPERATURES IN DRY, WELL VENTILATED AREA.

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

Respiratory Protection:RESPIRATORY PROTECTION MAY BE REQUIRED GAS CARTRIDGE (ORGANIC SUBSTANCES).
Ventilation:PROVIDE GOOD VENTILATION. MECHANICAL VENTILATION OR LOCAL EXHAUST VENTILATION MAY BE REQUIRED.
Protective Gloves:USE PROTECTIVE GLOVES MADE OF NEOPRENE, NITRILE.
Supplemental Safety and Health
N/PP

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

HCC:F4
Boiling Pt:B.P. Text:150 TO 200 C
Vapor Pres:< 1 (KPA)
Vapor Density:> 1(AIR=1)
Spec Gravity:.97 G/ML AT 23C
Viscosity:0.50 PAS AT 23 C
Evaporation Rate & Reference:< 0.12(BUAC=1)
Solubility in Water:.01 (/100G H2O 20C)
Appearance and Odor:FLUID, LIGHT BROWN

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

MAY REACT VIOLENTLY WITH OXIDIZING MATERIALS.
Stability Condition to Av

oid:FLAMES. HIGH TEMPERATURES.

===== Toxicological Information =====

Toxicological Information:LC50 > 3200 PPM/4H (INHALATION RAT)

===== Ecological Information =====

Ecological:THE PRODUCT IS NOT CLASSIFIED AS HARMFUL TO THE ENVIRONMENT.
THE PETROLEUM NAPHTHA IS NOT CLASSIFIED AS ENVIRONMENTALLY HARMFUL
AND HAS LOW TOXICITY FOR WATER ORGANISMS. MAJOR LOCAL OUTLETS COULD
BE A RISK. THE NAPHTHA IS EASILY DEGRADABLE. THE
PETROLEUM NAPHTHA
CAN BE BIOACCUMULATED. FOR THE PETROLEUM NAPHTHA LC50 (FISH) 10-100
MG/L, EC50 (DAPHNIA) 10-100 MG/L, IC50 (ALGAES) 10-100 MG/L.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL AUTHORITY
REQUIREMENTS.

===== MSDS Transport Information =====

Transport Information:RAIL TRANSPORT : RID CLASS NUMBER 3-31C.

===== Regulatory Information =====

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SARA Title III Information:N/P.

Federal Regulatory Information:RISK PHRASES: R-10 FLAMMABLE. SAFETY
PHRASES: S-9 KEEP CONTAINER IN A WELL VENTILATED PLACE; S-23 DO
NOT BREATHE GAS/FUMES/VAPOUR/SPRAY; S-24 AVOID CONTACT WITH SKIN;
S-38 IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE
RESPIRATORY EQUIPMENT.

State Regulatory Information:N/P.

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