View NSN Online: https://aerobasegroup.kr/nsn/6850-01-355-3387

Product ID:DINITROL AV 30 (HV/269E)

MSDS Date:11/02/1997

FSC:6850

NIIN:01-355-3387

MSDS Number: CGMLR === Responsible Party ===

Company Name: DINOL INTERNATIONAL.

Address:283 SW 41ST ST

City:RENTON State:WA ZIP:98055 Country:US

Info Phone Num: 206-251-9504

Emergency Phone Num:206-251-9504

Resp. Pa

rty Other MSDS Num.:300796

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-NJ90

CAGE:0L040

Company Name: EFTEC AB

Address:S-281 22 HASSLEHOLM

Box:149 CAGE:NO790

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

Ingred Name:2-BUTOXYETHANOL

CAS:111-76-2

RTECS #:KJ8575000 Minumum % Wt:1.1 Maxumum % Wt:1.6 Other REC Limits :NONE RECOMMENDED OSHA PEL:S, 50 PPM ACGIH TLV:S, 25 PPM; 9596

Ingred Name:BIS(2-HYDROXYETHYL)OLEYLAMINE

CAS:25307-17-9 Minumum % Wt:0. Maxumum % Wt:2.

Other REC Limits: NONE RECOMMENDED

Ingred Name: CALCIUM DINONYL NAPHTALENE SULFONATE

CAS:57855-77-3 Minumum % Wt:10. Maxumum % Wt:20.

Other REC Limits: NONE RECOMMENDED

Ingred Name: NAPHTHA (PETROLEUM), HYDROTREATED HEAVY

CAS:64742-48-9 Minumum % Wt:35. Maxumum % Wt:45.

Other REC Limits:350 MG/M3 (8 HR)

====== Hazards Identificati

on ========

LD50 LC50 Mixture:LD50 >2000MG/KG (ORAL,RAT)
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALATION: MAY CAUSE HEADACHE, DIZZINESS, TIREDNESS, NAUSEA AT HI CONCENTRATIONS. REACTION TIME/MEMORY MAY DETERIORATE, UNCONSCIOUSNESS MAY OCCUR. LONG/OFTEN REPEATED INHALATION OF HI CONC MAY CAUSE PERM DAMAGE TO NERVOUS

SYSTEM. EYE: SMARTING PAIN, SLIGHT IRRITATIO

N. SKIN: DEGREASES SKIN

WHICH AT LONG/OFTEN REPEATED CONTACT MAY CAUSE REDDENING, SOMETIMES ECZEMA. IN COMBINATION W/BAD PERSONAL HY GENE, MAY CAUSE DERMITIS, OIL ACNE, OTHER SKIN CHANGES. INGESTION: MAY CAUSE NAUSEA, VOMITING, DIARRHEA & SIMILAR SYMPTOMS AS INHALATION. RISK OF CHEMICAL PNEUMONIA IF PRODUCT REACHES LUNGS AT VOMITIN G.

Explanation of Carcinogenicity:PETROLEUM NAPHTA/PETROEUM
DISTILLATE/LUBRICATING OIL FULFILL REQUIREMENTS FOR NOT BEING
CLASSIFIED AS CA

RCINOGEN.
Effects of Overexposure:HEADACHE, DIZZINESS, TIREDNESS, NAUSEA,
DETERIORATED REACTION TIME/MEMEORY, UNCONSCIOUSNESS. PERMANENT
DAMAGE TO NERVOUS SYSTEM. EYE: SMARTING PAIN, SLIGHT IRRITATION.
SKIN: DEGREASES, REDDENING, ECZE MA, DERMATITIS, OIL ACNE, OTHER
SKIN CHANGES. INGESTION :NAUSEA, VOMITING, DIARRHEA, SIMILAR
SYMPTOMS AS INHALATION, CHEMICAL PNEUMONIA.
Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

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

	Fire Fighting Measures	=======
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Flash Point Method:PMCC Flash Point:>117F,>47C

Autoignition Temp: Autoignition Temp Text:>240C

======= First Aid Meas

Lower Limits:0.60 Upper Limits:7

Extinguishing Media:FIRE MAY BE EXTINGUISHED USING POWDER, FOAM, OR CARBON DIOXIDE (CO2).

Fire Fighting Procedures: CONTAINERS CLOSE TO FIRE SHOULD BE REMOVED OR COOLED WITH WATER.

Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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Spill Release Procedures: ABSORB IN VERM ICULITE, DRY SAND OR EARTH &

PLACE INTO CONTAINERS. COLLECT SPILLAGE IN CONTAINERS, SEAL SECURELY & DELIVER FOR DISPOSAL ACCORDING TO LOCAL REGULATIONS. Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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

Other Precautions: NONE

SPECIFIED BY MANUFACTURER. ====== Exposure Controls/Personal Protection ======== Respiratory Protection: RESPIRATORY PROTECTION MAY BE REQURIED. GAS CARTRIDGE (ORGANIC SUBSTANCES). Ventilation: MECHANICAL VENTILATION OR LOCAL EXHAUST VENTILATION MAY BE REQUIRED. Protective Gloves: USE PROTECTIVE GLOVES MADE OF NEOPRENE. NITRILE. Eye Protection: NOT PROVIDED. RECOMMEND CHEMICAL SPLASH GOGGLES Other Protective Equipment: NOT PROVIDED Work Hygienic Practices: NOT PROVIDED Supplem ental Safety and Health **NOT RELEVANT** ======== Physical/Chemical Properties ============ HCC:F4 Boiling Pt:=140.C, 284.F B.P. Text:140 TO 200 C Melt/Freeze Pt:M.P/F.P Text:NP Decomp Temp:Decomp Text:NP Vapor Pres:1 Spec Gravity:NP pH:NP Viscosity:35 STOKES @ 23 C Evaporation Rate & Evaporation Rate & Reference: 2000 MG/KG (ORAL RAT), LC 50 > 5 MG/1/4 HR (INHALATION RAT) ========= Ecological Information ====================== Ecological: NOT CLASSIFIED AS HARMFUL TO ENVIRONME NT. PETROLEUM NAPHTHA NOT CLASSIFIED AS ENVIRONMENTALLY HARMFUL AND HAS LOW TOXICITY FOR WATER ORGANISMS. MAJOR LOCAL OUTLETS COULD BE AT RISK. NAPHTHA IS

NOT CLASSIFIED AS ENVIRONMENTALLY HARMFUL AND HAS LOW TOXICITY FOR WATER ORGANISMS. MAJOR LOCAL OUTLETS COULD BE AT RISK. NAPHTHA IS EASILY BIODEGRADABLE. BIOACCUMULATION: PETROLEUM NAPHTHA CAN BE BIOACCUMULATED. BIODEGRADABILITY: NO INFORMATION AVAILABLE. PRODUCT IS EASILY DEGRADABLE. ACUTE FISH TOXICITY: NO INFO FOR PRODUCT. NAPHTHA: LC 50 (FISH): 10-100 MG/L, EC50 (DAPHNIA): 10-100 MG/L, IC50 (ALGAES) 10-100 MG/L. WATER HAZARD CLASSIFICATION:

INFORMATION AVAILABLE FOR PRODUCT WGK 1 (MANUFACTURER'S ESTIMATION).
======= Disposal Considerations ==========
Waste Disposal Methods:CONFIRM DISPOSAL PROCEDURES WITH ENVIRONMENTAL ENGINEER AND LOCAL REGULATIONS.
======== MSDS Transport Information ==========
Transport Information:SEE TRANSPORTATION SECTION
========= Regulatory Information ===========
SARA Title III Information:CHEMICALS LISTED ARE NOT REGULATED
Federal Regulatory Information:NOT PROVIDED State Regulatory Information:NOT PROVIDED
========= Other Information ===========
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