

DINOL U.S., INC. -- DINITROL AV 30

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MSDS Safety Information
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FSC: 6850
NIIN: 01-458-3778
MSDS Date: 02/11/1999
MSDS Num: CKJYH
Product ID: DINITROL AV 30
MFN: 01
Responsible Party
Cage: 0L040
Name: DINOL U.S., INC.
Address: 14826 NE 95TH STREET
City: REDMOND WA 98052
Info Phone
Number: 425-556-5114
Emergency Phone Number: +46-8337043

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Item Description Information
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Item Manager: S9G
Item Name: WATER-DISPLACING COMPOUND
Unit of Issue: BX
Quantitative Expression: 00000000012EA
UI Container Qty: 0

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: NOT PROVIDED
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: INHALATION: IN HIGH CONCENTRATIONS HEADACHE, DIZZINESS,
TIREDDNESS, IRRITATING ON EYES AND RESPIRATORY TRACTS. SKIN: IRRITATING. MAY
CAUSE REDNESS AND CHAFFING. EYE: IRRITATING BUT DO N

OT DAMAGE THE EYE

TISSUE. INGESTION: SMALL AMOUNTS OF PRODUCT WHICH REACH THE RESPIRATORY TRACTS BY INGESTION OR VOMITING MAY CAUSE PNEUMONIA.

Explanation Of Carcinogenicity: NO

Signs And Symptoms Of Overexposure: INHALATION: IN HIGH CONCENTRATIONS HEADACHE, DIZZINESS, TIREDNESS, IRRITATING ON EYES AND RESPIRATORY TRACTS. SKIN: IRRITATING. MAY CAUSE REDNESS AND CHAFFING. EYE: IRRITATING.

Medical Cond Aggravated By Exposure: NOT PROVIDED

First Aid: INHALATION: FRESH AIR AND REST. SKIN:

REMOVE SOILED CLOTHES. WASH

WITH SOAP AND LOTS OF WATER. IF IRRITATION REMAINS, SEEK MEDICAL ASSISTANCE.

EYE: RINSE WITH LOTS OF WATER. GET MEDICAL ADVICE IF PROBLEMS REMAIN.

INGESTION: AVOID VOMITING. TO HOSPITAL, IF MORE THAN INSIGNIFICANT AMOUNT HAS BEEN INGESTED.

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Handling and Disposal
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Spill Release Procedures: USE SAND OR OTHER ABSORBING MATERIAL. AVOID GETTING INTO THE

SEWAGE. FOLLOW LOCAL REGULATIONS.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: BURNING UNDER CONTROLLED CONDITIONS. FOLLOW LOCAL REGULATIONS.

Handling And Storage Precautions: NO SPECIAL PROCEDURES.

Other Precautions: NOT PROVIDED

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Fire and Explosion Hazard Information
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Flash Point Method: COC

Flash Point: =47.C, 116.6F

Lower Limits: 0.6

Upper Limits: 7.0

Extinguishing Media:

FOAM, CO2, DRY CHEMICAL

Fire Fighting Procedures: NONE.

Unusual Fire/Explosion Hazard: MAY FORM EXPLOSIVE MIXTURES WITH AIR WHEN HEATED.

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Control Measures
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Respiratory Protection: NONE BY NORMAL USE. IF GOOD VENTILATION CANNOT BE PROVIDED USE BREATHING MASK OSHA 112.

Ventilation: GENERAL (MECHANICAL) IS RECOMMENDED.

Protective Gloves: CHEMICAL RESISTANT MATERIAL RECOMMENDED.

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Eye Protection: GLASSES AT RISK OF SPLASHING.

Other Protective Equipment: NOT PROVIDED

Work Hygienic Practices: NOT PROVIDED

Supplemental Safety and Health: P/N: 372. ABBREVIATION: N/A = NOT APPLICABLE.

N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT.

N/D = NOT DETERMINED. N/E = NOT ESTABLISHED.

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Physical/Chemical Properties
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HCC: V3

NRC/State LIC No: NOT RELEVANT

B.P. Text: 140-200C

M.P/F.P Text: NOT DETERMINED

Decomp Text: NOT PROVIDED

Vapor Pres: <7.5 @ 20 DEG C

Vapor Density: >1(AIR=1)

Spec Gravity: 0.91 @ 23 DEG C

PH: NA

Viscosity: NOT PROVIDED

Solubility in Water: INSIGN.

Appearance and Odor: BROWN LIQUID; SLIGHT SMELL.

Percent Volatiles by Volume: APPR 42%

Corrosion Rate: NOT PROVIDED

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Reactivity Data
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Stability Indicator: Y

ES

Stability Condition To Avoid: LOW AND TOO HIGH TEMPERATURES.

Materials To Avoid: STRONGLY OXIDIZING SUBSTANCES.

Hazardous Decomposition Products: NONE BY NORMAL USE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE

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Toxicological Information
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Toxicological Information: NOT PROVIDED

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Ecological Infor

mation

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Ecological: NOT PROVIDED
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MSDS Transport Information
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Transport Information: NOT PROVIDED FOR AEROSOL.
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Regulatory Information
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Sara Title III Information: NOT PROVIDED
Federal Regulatory Information: NOT PROVIDED
State Regulatory Information: NOT PROVIDED
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Other Information
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Other Information: UNIT BOX CONTAINS TWELVE 10 OZ AEROSOLS.
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Transportation Information
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Responsible Party Cage: 0L040
Trans ID NO: 152696
Product ID: DINITROL AV 30
MSDS Prepared Date: 02/11/1999
Review Date: 04/12
/2001
MFN: 1
Tech Entry NOS Shipping Nm: ALICYCLIC HYDROCARBON SOLVENT
Net Unit Weight: 7.5 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: BX
Container QTY: 0
Additional Data: PER 1999 IATA REGULATIONS PSN IS : "AEROSOLS, FLAMMABLE".
N.O.S. IS NO LONGER USED BY IATA. DOT PRO PER SHIPPING NAME, UN ID NUMBER,
HAZARD CLASS, AND WEIGHT (12 X 13.5 OZ) PER LABEL.
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Detail DOT Information
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DOT PSN Code: AGC
DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,
DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
Hazard Class: 2.1
UN ID Num: UN1950
Label: FLAMMABLE GAS
Special Provision: N82
Non Bulk Pack: NONE
Bulk Pack: NONE
Max Qty Pass: 75 KG
Max Qty Cargo: 150 KG
Vessel Stow Req: A
Water/Ship/Other Req: 40,48,85
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Detail IMO Information
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IMO PSN Code: AKD
IMO Proper
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Shipping Name: AEROSOLS o
IMDG Page Number: 2102
UN Number: 1950
UN Hazard Class: 2(T)
IMO Packaging Group: -
Subsidiary Risk Label: T
EMS Number: 2-13
MED First Aid Guide NUM: 620

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Detail IATA Information
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IATA PSN Code: ALS
IATA UN ID Num: 1950
IATA Proper Shipping Name: AEROSOLS, FLAMMABLE
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
IATA UN Class: 2.1
IATA Label: FLAMMABLE G
AS
Packing Note Passenger: 203
Max Quant Pass: 75KG
Max Quant Cargo: 150KG
Packaging Note Cargo: 203

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Detail AFI Information
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AFI PSN Code: ALR
AFI Symbols: *
AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.
AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)
AFI Hazard Class: 2.1
AFI UN ID NUM: UN1950
Special Provisions: P4
Back Pack Reference: A6.3

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HAZCOM Label
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Product ID: DINITROL AV 30
Cage: 0L040
Company Name: DINOL U.S., INC.
Street: 14826 NE 95TH STREET
City: REDMOND WA
Zipcode: 98052
Health Emergency Phone: +46-8337043
Label Required IND: Y
Date Of Label Review: 04/12/2001
Status Code: C
MFG Label NO: NOT PROVIDED
Label Date: 02/11/1999
Year Procured: 2001
Origination
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: WARNING
Respiratory Prot

ection IND: NO

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Moderate

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: NOT PROVIDED. FIRST AID: INHALATION:
FRESH AIR AND REST. SKIN: REMOVE SOILED CLOTHES. WASH WITH SOAP AND LOTS OF
WATER. IF IRRITATION REMAINS, SEEK MEDICAL ASSISTANCE. EYE: RINSE WITH LOTS
OF WATER. GET MEDICAL ADVICE IF PROBLEMS REMAIN. INGESTION: AVOID VOMITING.
TO HOSPITAL, IF MORE THAN INSIGNIFICANT AMOUNT HAS BEEN INGESTED. SPILL: USE
S
AND OR OTHER ABSORBING MATERIAL. AVOID GETTING INTO THE SEWAGE. FOLLOW
LOCAL REGULATIONS.

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