

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: CLPWK
Product ID: DINITROL AV 30
MFN: 02
Responsible Party
Cage: 0L040
Name: DINOL U.S., INC.
Address: 14826 NE 95TH STREET
City: REDMOND WA 98052
Info Phone
Number: 425-556-5114/800-331-4304
Emergency Phone Number: +46-8337043
Preparer's Name: LENA ALMESTRAND
Chemtrec IND/Phone: (800)424-9300
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 0L040
Name: DINOL U.S., INC.
Address: 14826 NE 95TH STREET
City: REDMOND WA 98052
Phone: 425-556-5114/800-331-4304

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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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Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Signs And Symptoms Of Overexposure: EFFECTS OF OVEREXPOSURE: INHALATION: IN HIGH CONC. HEADACHE, DIZZINESS, TIREDNESS, IRRITATION ON EYES AND RESP. TRACTS. SKIN CONTACT: IRRITATION MAY CAUSE REDDENING AND CHAFFING. EYE CONTACT: IRRITATING BUT DO NOT DAMAGE THE EYE TISSUE. INGESTION: SMALL AMOUNTS OF PRODUCT WHICH REACH THE RESP. TRACTS BY INGESTION OR VOMITING MAY CAUSE PNEUMONA.

First Aid: INHALA

TION: FRESH AIR AND REST. SKIN CONTACT: REMOVE SOILED CLOTHES.

WASH WITH SOAP AND LOTS OF WATER. IF IRRITATION REMAINS, SEEK MEDICAL ASSISTANCE. EYE CONTACT: RINSE WITH LOTS OF WATER. GET MEDICAL ADVICE IF PROBLEMS REMAIN. INGESTION: AVOID VOMITING. TO HOSPITAL IF MORE THAN INSIGNIFICANT AMOUNT HAVE 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.

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

Handling And Storage Precautions: NO SPECIAL PROCEDURES.

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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

Extinguishing Media: FOAM, CO2, DRY POWDER.

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) RECOMMENDED.

Protective Gloves: CHEMICAL RESISTANT NITRILE RECOMMENDED.

Eye Protection: GLASSES AT RI

SK OF SPLASHING.

Supplemental Safety and Health: PRODUCT NAME: DINITROL AV 30. NOTE: UK=UNKNOWN.
NA=NOT APPLICABLE.

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Physical/Chemical Properties
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HCC: V3

NRC/State LIC No: NOT RELEVANT.

B.P. Text: 140C - 200C

Vapor Pres: < 7.5 @ 20C/68F

Vapor Density: >1 (AIR=1)

Spec Gravity: 0.91

Evaporation Rate & Reference: 0.2 (BUAC=1)

Solubility in Water: INSIGN.

Appearance and Odor: B

ROWN LIQUID, SLIGHT SMELL

Percent Volatiles by Volume: APPR 42
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Reactivity Data
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Stability Indicator: YES

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: WILL NOT OCCUR
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Toxicological Information
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Ecological Information
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Ecological: NOT PROVIDED
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MSDS Transport Information
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Transport Information: DOT CLASSIFICATION: IMDG: CLASS 3:3, PAGE 3321, UN NO.
1139, P

ACK GR.: I I I. EMS NO 3-06, MFAG NO 310, DGR: 3.
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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: THE INFORMATION GIVEN REFERS TO

THE PRODUCT CONCENTRATE. THE
AEROSOL CONSIST OF 50% PRODUCT CONCENTRATE AND 50% 134A GAS AS PROPELLANT.

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Transportation Information
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Responsible Party Cage: 0L040
Trans ID NO: 159716
Product ID: DINITROL AV 30
MSDS Prepared Date: 02/11/1999
Review Date: 11/04/2001
MFN: 2
Net Unit Weight: 9.6 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: BX
Container QTY: 0
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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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etail IMO Information
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IMO PSN Code: AKD
IMO Proper 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: AEROSOL

S, FLAMMABLE
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
IATA UN Class: 2.1
IATA Label: FLAMMABLE GAS
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: 11/04/2001
Status Code: A
Origination Code: F
Eye Protection IND: YES
Skin Protection I
ND: YES
Signal Word: WARNING
Respiratory Protection IND: NO
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Moderate
Reactivity Hazard: None

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