

DINOL INTERNATIONAL. -- DINITROL AV8 -- 6850-01-370-2596

===== Product Identification =====

Product ID:DINITROL AV8

MSDS Date:04/01/1992

FSC:6850

NIIN:01-370-2596

MSDS Number: BRTDC

=== Responsible Party ===

Company Name:DINOL INTERNATIONAL.

Address:14021 E. TEN MILE

City:WARREN

State:MI

ZIP:48090-1065

Country:US

Info Phone Num:313-774-9350

Emergency Phone Num:313-774-9350

Preparer's Name:LENA AL

MESTRAND

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

CAGE:0L040

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

Ingred Name:HYDROTREATED HEAVY NAPHTHA

CAS:64742-48-9

Fraction by Wt: 50-60%

Other REC Limits:NONE RECOMMENDED

Ingred Name:2-BUTOXYETHANOL

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 1-2%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293

Ingred Name:IMIDAZOLE DERIVATE
CAS:95-38-5
Fraction by Wt: 1-2%
Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROCARBON RESIN
CAS:68444-36-0
Fraction by Wt: 10-20%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ALKYD RESIN
CAS:68390-25-0
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM PETROLEUM SULFONATE
CAS:68608-26-4
Fraction by Wt: 2-8%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3
AS OIL MIST

Ingred Name:INHIBITORS
Fraction by Wt: 10-15%
Other REC Limits:NONE RECOMMENDED

Ingred Name:PETROLEUM OIL
CAS:64741-89-5
RTECS #:PY8041500
Fraction by Wt: 0-0.2%
Other REC Limits:NONE RECOMMENDED

Ingred Name:WAXES
Fraction by Wt: 10-15% %
Other REC Limits:NONE RECOMMENDED

Ingred Name:PERFUME
Fraction by Wt: 5,000 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:UNKNOWN IARC:UNKNOWN OSHA:NO
Health Hazards Acute and Chronic:EYE CONTACT

: SMARTING PAIN. SKIN

CONTACT: MAY DEGREASE THE SKIN AT LONG OR OFTEN-REPEATED CONTACT. THIS MAY CAUSE REDDING AND ECZEMA. INHALATION: MAY CAUSE HEADACHE, DIZZINESS, TIREDNESS, AND NAUSEA. AT HIGH PROPORTIONS, REACTION TIME AND MEMORY MAY DETERIORATE AND UNCONSCIOUSNESS MAY OCCUR. INGESTION: MAY CAUSE NAUSEA

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:REDDENING AND ECZEMA OF THE SKIN. NAUSEA, VOMITING, DIARRHEA. PERMANENT DAMAGE TO NERVOUS SYSTEM. RISK FOR PNEUMONIA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:EYE CONTACT: RINSE WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF PROBLEMS REMAIN. SKIN CONTACT: REMOVE SOILED CLOTHES. WASH THE SKIN WITH SOAP AND WATER. INGESTION: DO NOT IND UCE VOMITING. SEEK MEDICAL ATTENTION IFRACKING COUGH OR VOMITING HAS OCCURRED. INHALATION: FRESH AIR AND REST. RESPIRATION ASSISTANCE IF NEEDED.

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===== Fire Fighting Measures =====

Flash Point:104F,40C

Lower Limits:0.6

Upper Limits:7.0

Extinguishing Media:POWDER, CARBON DIOXIDE OR DRY FOAM

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:FIRE RISK INCREASES IF THE EVAPORATION SURFACE IS LARGE SUCH AS SPILLS. WHEN HEATED, THE PRODUCT RELEASES INFLAMMABLE FUMES, WHICH MAY FORM EXPLOSIVE MIXTURE.

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

Spill Release Procedures:BANK IN WITH SAND OR SIMILAR MATERIAL, AND COLLECT. PREVENT FROM GETTING INTO SEWAGE. CONTACT FIRE DEPARTMENT FOR LARGE SPILL. FOLLOW LOCAL REGULATIONS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID DIRECT FLAMES. STORE IN A COOL, DRY AREA AWAY FROM OXIDIZING AGENTS. STORAGE REQUIREME

NTS 40F-100F.

Other Precautions:NONE

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

Respiratory Protection:A RESPIRATOR IS RECOMMENDED WITH SOLVENT
ABSORBING FILTER-OSHA CLASS 111 OR 112.

Ventilation:GOOD VENTILATION IS RECOMMENDED.

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GLASSES

Other Protective Equipment:DISPOSAL COVERALLS AND HOOD.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NONE

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

HCC:F4

Boiling Pt:B.P. Text:284F,140C

Vapor Pres:1 (AIR=1)

Evaporation Rate & Reference:12 (BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIGHT BROWN FLUID

Percent Volatiles by Volume:66.8

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

Stability Indicator/Materials to Avoid:YES

STRONGLY OXIDIZING SUBSTANCES

Stability Condition to Avoid:DIRECT FLAMES

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

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

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