

MICROSCAN -- N,N, DIMETHYLALPHA NAPHTHYLAMINE 0.5% -- 6550-01-238-2385

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Product Identification  
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Product ID:N,N, DIMETHYLALPHA NAPHTHYLAMINE 0.5%

MSDS Date:03/09/1987

FSC:6550

NIIN:01-238-2385

MSDS Number: BPSZB

=== Responsible Party ===

Company Name:MICROSCAN

Address:1584 ENTERPRISE BLVD.

City:WEST SACRAMENTO

State:CA

ZIP:95691

Country:US

Info Phone Num:800-631-7216

Emergency Phone Num:

800-631-7216

CAGE:NO031

=== Contractor Identification ===

Company Name:MICROSCAN

Address:1584 ENTEPRISE BLVD

City:WEST SACRAMENTO

State:CA

ZIP:95691

Country:US

Phone:916-372-1900

CAGE:NO031

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Composition/Information on Ingredients  
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Ingred Name:N,N, DIMETHYL-ALPHA-NAPHTHYLAMINE

CAS:85-56-6

RTECS #:QM2825000

Fraction by Wt: 0.5%

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 72%

Ingred Name:ACETIC ACID (GLACIAL)

CAS:64-19-7

RTECS #:AF1225000

Fracti

on by Wt: 28%  
OSHA PEL:10 PPM  
ACGIH TLV:25 MG/CUM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LDLO (RAT): 500 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: IRRITATION, DAMAGE & BURNS  
TO NOSE, MOUTH, THROAT & LUNGS. INGESTION: DAMAGE TO THROAT,  
STOMACH, TEETH, CAUSING VOMITING, SPASMS &  
SOUR TASTE. EYES/SKIN:  
BURN  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:INHALATION: IRRITATION & DAMAGE & BURNS NOSE,  
MOUTH, THROAT & LUNGS. INGESTION: DAMAGES TO THROAT, STOMACH,  
TEETH, CAUSING VOMITING, SPASMS, SOUR TASTE. EYES/SKIN: BURNS  
Medical Cond Aggravated by Exposure:BRONCHITIS, SORES OR CUTS.

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

First Aid:EYES: FLUSH W/WATER 15 MINUTES. SKIN: FLUSH W/WATER.  
INHALATION: IF BREATHING  
HAS STOPPED, GIVE ARTIFICIAL RESPIRATION.  
INGESTION: IF SWALLOWED, GIVE WATER IF CONSCIOUS. OBTAIN MEDICAL  
ATTENTION IN ALL CASES.

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

Flash Point Method:CC  
Flash Point:104F  
Lower Limits:4%  
Upper Limits:16%  
Extinguishing Media:ALCOHOL FOAM, WATER SPRAY, DRY-CHEMICAL OR CO2  
Fire Fighting Procedures:WEAR APPROVED SELF-CONTAINED BREATHING  
APPARATUS. COOL FIRE-EXPOSED CONTAINERS W/WATER SPRAY & DILUTE  
SPILLS W/WATER

TO NON-FLAMMABLE CONCENTRATIONS.

Unusual Fire/Explosion Hazard:PRODUCES FLAMMABLE VAPOR >140F TOXIC ORGANIC NITROGEN OXIDES RELEASED DURING NORMAL BREAKDOWN.

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

Spill Release Procedures:WEAR SUITABLE PROTECTIVE CLOTHES AND MASK. ABSORB SPILL ONTO ABSORBENT MATERIAL SUCH AS VERMICULITE. NEUTRALIZE. WASH SPILL AREA W/SOAP & WATER.

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

Handling and Storage

Precautions:KEEP CONTAINERS TIGHTLY CLOSED, AWAY FROM HEAT & PROTECTED FROM BREAKAGE. NO SMOKING OR EATING IN STORAGE AREA.

Other Precautions:STORE BETWEEN 65 & 90F. CHEMICAL BREAKDOWN MIGHT PRODUCE NAPHTHYLAMINE, A CARCINOGEN.

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

Respiratory Protection:APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR

Ventilation:LOCAL EXHAUST/MECHANICAL: RECOMMENDED

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GOGGLES

Other Prot

ective Equipment:APPROVED WORK CLOTHES

Work Hygienic Practices:REMOVE/WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS AFTER USING & BEFORE EATING/SMOKING.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text: 215F

Vapor Pres: 25

Vapor Density: 1.8

Spec Gravity: 1.1

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS W/PUNGENT ODOR

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

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Reactivity Indicator/Materials to Avoid: YES

METALS, STRONG OXIDIZERS

Stability Condition to Avoid: TEMPERATURES >100F, HEAT

Hazardous Decomposition Products: TOXIC ORGANIC NITROGEN

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

Waste Disposal Methods: HAVE EPA-APPROVED VENDOR REMOVE TO LANDFILL.  
ALTERNATIVELY MIX W/FLAMMABLE SOLVENT AND INCINERATE. FOLLOW  
FEDERAL, STATE, & LOCAL REGULATIONS.

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