

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

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

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:8

00-631-7216

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

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

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

Fractio

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

=====  
===== 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.

=====  
===== 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.

=====  
===== 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

O 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 Prote

ctive 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 =====

Stabil

ity 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.

Disclaimer (provided with this information by the compiling agencies):

This infor

mation is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.