

FISHER SCIENTIFIC -- A-718, N-AMYL ACETATE -- 6810-01-190-2725

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

Product ID:A-718, N-AMYL ACETATE

MSDS Date:10/13/1989

FSC:6810

NIIN:01-190-2725

MSDS Number: BPKQJ

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency Phone Num:201-796-7100;800-424-9300(CHE

MTREC)

CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

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

Ingred Name:ACETIC ACID, PENTYL ESTER; (N-AMYL ACETATE) (SARA III)

CAS:628-63-7

RTECS #:AJ1925000

Fraction by Wt: 100%

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:SUPP DAT

A:COOL CNTNRS W/FLOODING QTYS OF H\*2O,APPLY FROM AS  
FAR A DIST AS POSS.AVOID BRTHG TOX VAPS, KEEP UPWIND.(ING 3)  
RTECS #:9999999ZZ

Ingred Name:ING 2: WATER MAY BE INEFFECTIVE. ALCOHOL FOAM.  
RTECS #:9999999ZZ

Ingred Name:EFTS OF OVEREXP:CONC MAY CAUSE HDCH,WEAK,DIZZ & OTHER SYMP  
OF NARCOSIS. SKIN:DEFAT AGENT. PRLNGD EXPOS MAY CAUSE (ING 5)  
RTECS #:9999999ZZ

Ingred Name:ING 4: DERM. EYE: CHRONIC EXPOS TO 20-80 MG/LITER PRDCED  
HYPEREMIA OF BULBAR CONJUNCTIVA, BUT NO CORNEAL DMG (ING  
6)  
RTECS #:9999999ZZ

Ingred Name:ING 5: OBSERVED. INGEST: NO HUMAN DATA AVAILABLE.  
RTECS #:9999999ZZ

Ingred Name:FIRST AID PROC: FOR AT LEAST 15 MIN, OCCAS LIFTING  
UPPER/LOWER LIDS, UNTIL NO EVIDENCE OF CHEM REMAINS. GET MED (ING  
8)  
RTECS #:9999999ZZ

Ingred Name:ING 7: ATTN IMMED. INGEST: REMOVE BY GASTRIC LAVAGE/EMESIS.  
MAINTAIN BLOOD PRESS & AIRWAY.GIVE O\*2 IF RESP IS (ING 9)  
RTECS #:9999999ZZ

Ingred Name:ING 8: DEPRESSED. DO NOT PERFORM GASTRIC LAVAGE/EMESIS IF  
VICTIM IS U  
NCON. GET MED ATTN IMMED.ADMIN OF GASTRIC (ING 10)  
RTECS #:9999999ZZ

Ingred Name:ING 9: LAVAGE/OXYGEN SHOULD BE PERFORMED BY QUALIFIED MED  
PERS.ANTIDOTE:NO SPECIFIC ANTIDOTE. TREAT SYMP & SUPPORTIVELY.  
RTECS #:9999999ZZ

Ingred Name:SPILL PROC: SMOKING, FLAMES. FOR ADDITIONAL INFORMATION  
CONTACT NEHC .  
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:LD50: (ORAL,RAT) 6500 MG/KG.  
Routes of Entry: Inhalation:YES Skin:YES Ingestio

n:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:(ACUTE)INHAL:EXPOS TO 900PPM FOR 30 MIN PRDCED IRRIT OF EYES/NOSE/THROAT, W/COUGH & SLIGHT FATIGUE.AN INDIV EXPOS TO 5000 MG/M3 FOR 30 MIN EXPERIENCED SOMNOLENCE & ADVERSE EFTS ON LUNGS, THORAX & RESP . 5000PPM PRDCED NARCOSIS IN GUINEA PIGS W/INJ TO LUNGS/LIVER/KIDNEYS. SEV EXPOS WILL ALSO PRDCE SYMP (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposur

e:HLTH HAZ: OF NARCOSIS IN HUMANS. SKIN:MAY CAUSE IRRIT. EYE: EXPOS TO VAP MAY CAUSE IRRIT. INGEST: MAY CAUSE NAUS, VOMIT,& OTHER SYMP OF GI DISTURB. CAUSED DEPRESS, ROUGH FUR,& COMA IN RATS. LETHAL DOS E OF 6500 MG/KG IN RATS. DEATH OCCURED W/IN 4 HRS-2 DAYS FOLLOWING INGEST. (CHRONIC)INHAL: PRLNGD EXPOS TO HIGH (ING 4)

Medical Cond Aggravated by Exposure:PERSONS WITH HISTORY OF CHRONIC RESPIRATORY OR SKIN DISEASE MAY BE AT AN INCREASED RISK FROM EXPOSURE.

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

First Aid:INHAL:REMOVE FROM EXPOS AREA TO FRESH AIR IMMED. IF BREATHING HAS STOPPED, PERFORM ARTF RESP. KEEP PERSON WARM & AT REST.TREAT SYMP & SUPPORTIVELY. GET MED ATTN IMMED.SKIN: REMOVE CONTAM CLTHG & SHOES IMMED.WASH AFFECTED AREA W/SOAP/MILD DETERGENT & LRG AMTS OF H\*2O UNTIL NO EVIDENCE OF CHEM REMAINS (APPROX 15-20 MIN).GET MED ATTN IMMED. EYE:WASH EYES IMMED W/LRG AMTS OF H\*2O/NORM SALINE (ING 7)

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

Flash Point:60.0F,15.6C

Lower Limits:1.1%

Upper Limits:7.5%

Extinguishing Media:DRY CHEM, CARBON DIOXIDE, HALON, WATER SPRAY OR ALCOHOL FOAM. FOR LARGER FIRES, USE WATER SPRAY, FOG OR ALCOHOL FOAM.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA/FULL PROT EQUIP.MOVE CNTNR FROM FIRE AREA IF POSS.COOL FIRE-EXPOS CNTNRS W/H\*2O FROM SIDE UNTIL WELL AFTER FIRE IS (SUPDAT)

Unusual Fire/Explosion Hazard:DANGEROUS FI

RE HAZ WHEN EXPOS TO

HEAT/FLAME. VAP-AIR MIX ARE EXPLO ABOVE FL PT. VAPS ARE HVR/AIR & MAY TRAVEL CONSIDERABLE DIST TO SOURCE OF IGNIT & FLASH BACK.

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

Spill Release Procedures:SHUT OFF IGNIT SOURCES. STOP LEAK IF YOU CAN DO IT W/OUT RISK. USE H\*2O SPRAY TO REDUCE VAPS. FOR SML SPILLS, TAKE UP W/SAND/OTHER ABSORB MATL & PLACE INTO CNTNRS FOR LATER DISP. FOR LRGR SPILLS, DIKE FAR AHEAD OF SPILL FOR LATER DISP.

NO

(ING 11)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:OBSERVE ALL FED,ST & LOC REGS WHEN STORING OF SUBSTANCE. FOR ASSIST, CONT DISTRICT DIRECTOR OF ENVIRONMENTAL PROT AGENCY. STORE I/A/W 29 CFR 1910.106.

Other Precautions:SUBSTANCES W/LOW ELECTROCONDUCTIVITY, WHICH MAY BE IGNIT BY ELECTROSTATIC SPARKS,SHOULD BE STORED IN CNTNRS WHICH MEET BONDING & GROUNDING GUIDE

LINES SPECIFIED IN NFPA 77-1983,RECOM

PRACT OF STATIC EL EC.STORE AWAY FROM INCOMPAT SUBSTANCES.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN . FOR ADDITIONAL INFORMATION CONTACT NEHC .

Ventilation:PROVIDE GENERAL DILUTION VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:CHEM WORK GOG/FULL LGTH FACESHLD .

Other Prote

ctive Equipment:APPROPRIATE PROTECTIVE (IMPERVIOUS) CLOTHING AND EQUIPMENT. EYE WASH FOUNTAIN AND QUICK DRENCH SHOWER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRE FIGHT PROC: OUT. STAY AWAY FROM TANK ENDS.FOR MASS FIRE IN STOR AREA, WITHDRAW FROM AREA & LET BURN. WITHDRAW IMMED IN CASE OF RISING SOUND FROM VENT SAFETY DEVICE/ANY DISCOLORATION OF STOR TANK DUE TO FIRE. EXTING ONLY IF FLOW CAN BESTOPPED; USE H\*2O FOG IN FLOODING

AMTS. SOLID STREAMS MAY NOT BE EFT. (ING 2)

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

Boiling Pt:B.P. Text:300F,149C  
Melt/Freeze Pt:M.P/F.P Text:-95F,-71C  
Vapor Pres:4 @ 20C  
Vapor Density:4.5  
Spec Gravity:0.8756  
Evaporation Rate & Reference:0.42 (BU ACETATE=1)  
Solubility in Water:VERY SLIGHTLY  
Appearance and Odor:COLORLESS-YELLOW LIQ W/MILD, PLEASANT,  
CHARACTERISTIC, BANANA OR PEAR-LIKE ODOR

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

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS, NITRATES, STRONG OXIDIZERS, STRONG ALKALIES.  
Stability Condition to Avoid:HEAT, SPARKS, FLAMES, OR OTHER SOURCES OF  
IGNITION.  
Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY RELEASE  
ACRID SMOKE AND IRRITATING FUMES.

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

Waste Disposal Methods:OBSERVE ALL FED, ST & LOC REGS WHEN DISP OF  
SUBSTANCE. FOR ASSIST, CONT DISTRICT DIRECTOR OF ENVIRON PROT  
AGENCY. DISP MUST BE I/A/W STD APPLIC TO GENERATORS OF HAZ WASTE,  
40 CFR 262. EPA HAZ WASTE NU MBER D001.100 POUND CERCLA SEC 103  
REPORTABLE QTY.

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