

UNION OIL CO OF CALIFORNIA, CORP. DIV-EASTERN -- PRIMARY AMYL ACETATE --
6810-00-123-7047

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

Product ID:PRIMARY AMYL ACETATE

MSDS Date:10/23/1980

FSC:6810

NIIN:00-123-7047

MSDS Number: BCZTZ

=== Responsible Party ===

Company Name:UNION OIL CO OF CALIFORNIA, CORP. DIV-EASTERN

Address:1650 EAST GOLF ROAD

City:SCHAUMBURG

State:IL

ZIP:60195

Country:US

Info Phone Num:708-619-2644

Emergency Phone Num:708-619-2644

Preparer's Name:PAUL

PFEIFER

CAGE:77416

=== Contractor Identification ===

Company Name:AMCO CHEMICAL CORP

Address:3RD - CYPRS

Box:208

City:OAKLAND

State:CA

ZIP:94607

Country:US

Phone:NOT IN BUSINESS! 911008P505A ???

CAGE:97984

Company Name:UNION OIL CO OF CALIFORNIA, CORP. DIV-EASTERN

Address:1650 EAST GOLF ROAD

Box:City:SCHAUMBURG

State:IL

ZIP:60195

Country:US

Phone:708-619-2644

CAGE:77416

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

Ingred Name:N-AMYL ACETATE (SARA III)

CAS:628-63-7

RTEC

S #:AJ1925000
Fraction by Wt: 100%
OSHA PEL:100 PPM
ACGIH TLV:100 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 6500 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:LIQUID IS IRRITATING TO EYES. VAPOR
MAY CAUSE EYE IRRITATION. LIQUID IS SLIGHTLY IRRITATING TO SKIN.
PROLONGED O
R REPEATED CONTACT CAN RESULT IN DERMATITIS. VAPORS MAY
BE IRRITATING TO NOSE, THROAT & RESPIRATORY TRACT. INGESTION OF
PRODUCTMAY RESULT IN VOMITING. ASPIRATION OF VOMITUS INTO LUNGS MAY
CAUSE PNEUMONITIS.
Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP
OR OSHA AS A CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.
Effects of Overexposure:MAY CAUSE EYE, SKIN & RESPIRATORY TRACT
IRRITATION. MAY ALSO CAUSE HEADACHE, DIZZINESS AND NAUSEA.
ASPIRATION PNEU
MONITIS MAY CAUSE COUGHING, LABORED BREATHING,
CYANOSIS, AND IN SEVERE CASES, DEATH.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING THE SKIN MAY BE AT
INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING
EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH
SOAP AND WATER. REMOVE CONTA
MINATED CLOTHING. GET MEDICAL ADVICE.
INHALATIO N: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION
IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: GET MEDICAL
ATTENTION IMMEDIATELY.

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

Flash Point Method:TCC
Flash Point:77.0F,25.0C
Lower Limits:1.1
Upper Limits:7.5
Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL

FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:SMALL SPILL: WIPE/SOAK UP WITH PAPER TOWEL OR
INERT ABSORBENT. PUT IN DISPOSAL CONTAINER. LARGE SPILL: ELIMINATE
ALL SOURCES OF IGNITION. VENTILATE AREA. DIKE TO CONTAIN.

VACUUM UP

OR PUMP FREE LIQUID INTO DOT SALVAGE CONTAINER AND SEAL
FOR DISPOSAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY AREA. KEEP
CONTAINERS CLOSED WHEN MATERIAL IS NOT IN USE. KEEP AWAY FROM
IGNITION SOURCES. AVOID PROLONGED OR REPEATED CONTACT.

Other Precautions:PERSONNEL SHOULD AVOID INHALATION OF VAPORS. PERSONAL
CONTACT WITH THE PRODUCT SHOULD BE AVOIDED. SHOULD
CONTACT BE MADE,

REMOVE SATURATED CLOTHING AND FLUSH AFFECTED AREAS WITH WATER. USE
AND STORE THIS PRODUCT WITH ADEQUATE VENTILATION.

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

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED CHEMICAL CARTRIDGE
RESPIRATOR WITH FULL FACEPIECE AND ORGANIC VAPOR CARTRIDGES. FOR
HIGH CONCENTRATIONS OR PROLONGED EXPOSURE, USE A SELF-CONTAINED
BREATHING APPARATUS IN THE POSITIVE PRESSURE MODE.

Ventilation:MECHANICAL VE

NTILATION MAY BE SUFFICIENT TO KEEP PRODUCT

VAPOR BELOW TLV. USE SUPPLEMENTAL LOCAL EXHAUST AS REQUIRED.

Protective Gloves:NEOPRENE OR NITRILE RUBBER GLOVES

Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

Other Protective Equipment:WEAR INDUSTRIAL WORK CLOTHING. USE RUBBER
APRON IS RECOMMENDED. EYE BATH AND SAFETY SHOWER SHOULD BE
AVAILABLE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE

REUSE.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPOR OR MIST. DO NOT INGEST. READ PRECAUTIONS ON LABEL BEFORE USE.

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

HCC:F3

Boiling Pt:B.P. Text:295F,146C

Melt/Freeze Pt:M.P/F.P Text:-95F,-71C

Vapor Pres:5

Vapor Density:4.5

Spec Gravity:0.88

Evaporation Rate & Reference:0.6 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and

Odor:CLEAR, COLORLESS LIQUID WITH A PERSISTENT BANANA-LIKE ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, AND STRONG ALKALIES.

Stability Condition to Avoid:HIGH HEAT OR OPEN FLAME

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSAL MU

ST BE MADE IN ACCORDANCE WITH

FEDERAL, STATE AND LOCAL REGULATIONS.

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

This information 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 responsibi

lity for the suitability of this information to their particular situation.