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: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.

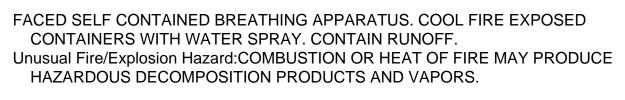
INHALATIO N: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION IMMEDIATELY.

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



======= 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 FORDISPOSAL.

Neutralizing Agent:NONE

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 NIRTILE 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 RO 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

Waste Disposal Methods:DISPOSAL MU ST BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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