

UNION OIL CO OF CALIFORNIA UNION 76 DIV -- AMSCO SOLV 5410, N-BUTYL ACETATE --  
6810-00-222-2742

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

Product ID:AMSCO SOLV 5410, N-BUTYL ACETATE

MSDS Date:12/01/1989

FSC:6810

NIIN:00-222-2742

MSDS Number: BDJZM

=== Responsible Party ===

Company Name:UNION OIL CO OF CALIFORNIA UNION 76 DIV

Address:1345 NORTH MEACHAM ROAD

City:SCHAUMBURG

State:IL

ZIP:60195

Country:US

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Info Phone Num:202-483-7616

Emergency Phone Num:202-483-7616;CHEMTREC 800-424-9300

CAGE:77416

=== Contractor Identification ===

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-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 100%

OSHA PEL:150 PPM/200 STEL

ACGIH TLV:150 PPM

/200STEL;9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

Effects of Overexposure:IRRITANT TO EYES AND SKIN,RESPIRATORY  
TRACT.NACOSIS IN HIGH CONCENTRATION

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

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O\*2 IF  
NEED;EYES/SKIN:FLUSH W LG AMTS H\*2O FOR 15 MIN;INGEST:RINSE MOUTH;  
GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER  
SYMP  
TOMS OF OVEREXPOSURE.

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

Flash Point Method:TCC  
Flash Point:84.0F,28.9C  
Extinguishing Media:FOAM,CO\*2,DRY CHEMICAL  
Fire Fighting Procedures:USE SCBA FOR FIREFIGHTING.WATER CAN BE USED TO  
COOL THE CONT  
Unusual Fire/Explosion Hazard:KEEP WORK AREAS FREE OF HOT METAL  
SURFACES AND OTHER SOURCES OF IGNITION.

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

Spill Release Procedures:KEEP SOURCES OF IGNITION  
AND HOT METAL  
SURFACES ISOLATED FROM THE SPILL.FLUSH SPILLED MATERIAL INTO  
SUITABLE RETAINING AREAS OR CONTAINERS WITH LARGE QUANTITIES OF  
WATER.SMALL AMOUNTS OF SPILLED MATER IAL MAY BE ABSORBED INTO AN  
APPROPRIATEABSORBENT.

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

Handling and Storage Precautions:KEEP CONTAINERS COOL,DRY AND AWAY FROM  
SOURCES OF IGNITIONS.PROVIDEADEQUATE VENTILATION.KEEP CONTAINERS  
CLOSED WHEN NOT IN USE.  
Other Precautions:

AVOID INHALATION OF VAPORS.AVOID PERSONAL  
CONTACT.AVOID SKIN & EYE EXPOSURE.

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

Respiratory Protection:USE A NIOSH APPROVED ORGANIC RESPIRATOR.  
Ventilation:PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN