

UNION OIL CO. OF CALIFORNIA,(PHIPPS PRODUCTS CORP) -- CALIBRATING FLUID,AMSCO SOLV
1103,NAPHTHOL -- 6850-01-011-5669

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

Product ID:CALIBRATING FLUID,AMSCO SOLV 1103,NAPHTHOL

MSDS Date:01/01/1987

FSC:6850

NIIN:01-011-5669

MSDS Number: BGDDY

=== Responsible Party ===

Company Name:UNION OIL CO. OF CALIFORNIA,(PHIPPS PRODUCTS CORP)

Address:1345 N. MEACHAM

City:SCHAUMBU

RG

State:IL

ZIP:60196

Country:US

Info Phone Num:312-619-2644

Emergency Phone Num:800-356-3129 (POISON CONTROL CNTR)

CAGE:EO159

=== Contractor Identification ===

Company Name:UNION OIL CO. OF AMERICA,UNION CHEMICALS DIV.

Address:1900 E GOLF ROAD

City:SCHAUMBURG

State:IL

ZIP:60194-5021

Phone:312-490-2500

CAGE:EO159

Company Name:UNOCAL CHEMICALS DIV.,UNION OIL OF CALIFORNIA

Address:1345 N MEACHAM

Box:City:SCHAUMBURG

State:IL

ZIP:60196

Phone:312-490-2500/800-424-9300(CHEMTREC)

CAGE:94684

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

Ingred Name:PARAFFINS & CYCLOPARAFFINS (C*9-C*11 CHAIN LINK

HYDROCARBONS- CAS #64742-48-9)

ACGIH TLV:5MG/CUM(MIST)

Ingred Name:AROMATICS; WT % MAX 2% PER MFR 2/12/87

Fraction by Wt: 100F,38C

Lower Limits:0.8

Extinguishing Media:FOAM,CO*2 OR DRY CHEM

Fire Fighting Procedures:USE SCBA. COOL CONTAIN W/WATER,BUT DO NOT
SPREAD BURNING LIQ

Unusual Fire/Explosion Hazard:KEEP WORK AREAS FREE OF HOT METAL
SURFACES & OTHER SOURCES OF

IGNITION.

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

Spill Release Procedures:KEEP SOURCES OF IGNITION & HOT METAL SURFACES ISOLATED FM SPILL. FLUSH SPILLED MATL INTO SUITABLE RETAINING AREA OR CONTAINERS.

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

Handling and Storage Precautions:KEEP PRODUCT CONTAINERS COOL, DRY & AWAY FM SOURCES OF IGNITION. USE & STORE THIS PROD W/ADEQUATE VENT. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Pre

cautions:PERSONNEL SHOULD AVOID INHALATION OF VAPORS. AVOID PERSONAL CONTACT W/PRODUCT. REMOVE CONTAMINATED CLOTHING & FLUSH WITH WATER. PREVENT SPILLED LIQUID FROM ENTERING SEWERS, WATERWAYS, ETC.

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

Respiratory Protection:USE NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK.

Ventilation:MECHANICAL (GENERAL) REQUIRED, LOCAL IF REQUIRED.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES

Other Protective Equipment:FACE SHIELDS, IMPERMEABLE

APRONS, EYE WASH &

SAFETY SHOWERS

Supplemental Safety and Health

MSDS FROM UNION CHEMICAL CO DATED:10/20/80; MFR STATED 2/12/87 THAT PRODUCT 1103-NAPHTHOL SPIRIT IS IN ACCORDANCE WITH INDUSTRIAL SPEC WHICH MAY NOT MEET TYPE II OF MIL-C-7024 REQUIREMENT.

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

HCC:F4

Boiling Pt: B.P. Text: 316-360F

Vapor Density: >1.0

Spec Gravity: 0.76

Viscosity: 1.17 CS @ 77F

Evaporation Rate & Reference: