

ASHLAND OIL INC -- MMS 409 CLEANING SOLVENT -- 6850-01-029-0632

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

Product ID:MMS 409 CLEANING SOLVENT

MSDS Date:09/25/1996

FSC:6850

NIIN:01-029-0632

MSDS Number: BPHQD

=== Responsible Party ===

Company Name:ASHLAND OIL INC

Address:1409 WINCHESTER AVE

Box:391

City:ASHLAND

State:KY

ZIP:41114

Country:US

Info Phone Num:606-324-1133, 800-325-3751

Emergency Phone Num:60

6-324-1133 OR 800-274-5263

CAGE:81355

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO INDUSTRIAL CHEM & SOLVENTS DIV

Address:8901 OLD GALVESTON RD

Box:34567

City:HOUSTON

State:TX

ZIP:77034-3939

Country:US

CAGE:29672

Company Name:ASHLAND INC

Address:1409 WINCHESTER AVE

Box:391

City:ASHLAND

State:KY

ZIP:41114

Country:US

Phone:800-622-6846

CAGE:81355

Company Name:EMULTEC INC

Address:1150 HAYDEN DR SUITE 100

Box:City:CARROLLTON

State:TX

ZIP:75006

Country:US

Phone:972-417-1288

CAGE

:0HD15

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Composition/Information on Ingredients
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Ingred Name:METHYLENE CHLORIDE (SARA 313) (CERCLA)

CAS:75-09-2

RTECS #:PA8050000

Fraction by Wt: 68.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:500 PPM; Z-2

ACGIH TLV:50 PPM, A2; 9495

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ALIPHATIC PETROLEUM DISTILLATE(LIGHT ALIPHATIC NAPHTHA)

CAS:64742-89-8

Fraction by Wt: 26-30%

Other REC Limits:NONE RECOMMENDED

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 4.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM/150STEL;9495

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE-EYES/SKIN:IRRITATION.

INHALATION: IRRITATION TO THE RESPIRATORY TRACT, DIZZINESS,
HE

ADACHE, UNCONSCIOUSNESS. INGESTION:TOXIC, INTESTINAL DISORDERS,

NAUSEA, VOMITING, ASPIRATION INTO LUNGS MAY CAUSE CHEMICAL

PNEUMONITIS WHICH CAN BE FATAL. CHRONIC-DERMATITIS, LIVER AND KIDNEY
DAMAGE.

Explanation of Carcinogenicity:LISTED AS ANTICIPATED/POSSIBLY
CARCINOGENIC BY NTP AND IARC.

Effects of Overexposure:IRRITATION, DIZZINESS, HEADACHE, DROWSINESS,
NAUSEA, VOMITING, LOSS OF COORDINATION.

Medical Cond Aggravated by Exposure:RESPIRATORY DISORDERS.

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=== First Aid Measures =====

First Aid:INHALATION:REMOVE TO FRESH AIR, PROVIDE CPR/ OXYGEN IF NEEDED. EYE CONTACT:FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL HELP. SKIN CONTACT:WASH WITH SOAP AND WATER. GET MED ATTENTION IF SYMPTOMS PERSI ST. INGESTION:DO NOT INDUCE VOMITING, DRINK 1-2 GLASSES OF WATER. GET MEDICAL HELP IMMEDIATELY.

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

Flash Point Method:CC

Flash Point:10F,-12C

Lower Limits:

1.0%

Extinguishing Media:FOAM,CARBON DIOXIDE, DRY CHEMICAL OR WATER FOG.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS. CANS MAY EXPLODE IN THE HEAT OF FIRE.

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

Spill Release Procedures:VENTILATE THE AREA. REMOVE IGNITION SOURCES. USE RESPIRATORY PROTECTION. RECOVER BY PUMPING, OR ABSORB FREE LIQUID IN INERT ABSORBENTS AND SAVE IN CLOSED CONTAINER FOR DISPOSAL.

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

Handling and Storage Precautions:STORE AWAY FROM HEAT AND OPEN FLAME OR SPARKS. ALL 5 GAL OR LARGER MATEAL CONTAINERS SHOULD BE GROUNDED &/OR BONDED DURING TRANSPORTION.

Other Precautions:USE IN WELL VENTILLATED AREA. AVOID PROLONGED OR REPEATED BREATHING OF VAPORS OR CONTACT WITH SKIN.

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

Respiratory Protection:USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED OR WHEN SPRAYING OR USING IN CONFINED SPACES.

Ventilation:MECHANICAL, GENERAL OR LOCAL TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:NEOPRENE/VITON

Eye Protection:GOGGLES OR FACE SHIELD

Other Protective Equipment:NEOPRENE APRON

Work Hygienic Practices:DO NOT EAT, DRINK OR SMOKE WHILE WORKING WITH THIS PRODUCT.

Su

pplemental Safety and Health

NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUMS (FULL OR EMPTY),
PRODUCT CAN IGNITE EXPLOSIVELY.

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

HCC:F2

Boiling Pt:B.P. Text:102F,39C

Vapor Pres:340 MMHG

Vapor Density:>1

Spec Gravity:1.13

Evaporation Rate & Reference: