

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC -- INSCO CLEANER, SOLVENT SF --
6850-01-016-3482

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

Product ID:INSCO CLEANER, SOLVENT SF

MSDS Date:01/05/1996

FSC:6850

NIIN:01-016-3482

MSDS Number: CGDXY

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43228

Country:US

Info Phone

Num:614-790-3333

Emergency Phone Num:800-274-5263

CAGE:7L600

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Phone:614-790-3333 / 800-325-3751

CAGE:7L600

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

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

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Ingred Name:ALIPHATIC PETROLEUM DISTILLATES
CAS:64742-89-8
Fraction by Wt: 36-40%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHYL ACETATE (CERCLA)
CAS:141-78-6
RTECS #:AH5425000
Fraction by Wt: 18-22%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM; 9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 20%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM
A
CGIH TLV:200 PPM/300STEL;9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA 313) (CERCLA)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 13%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 50 PPM; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:XYLENES (O-,M-,P- ISOMERS

) (SARA 313) (CERCLA)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 2%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM/150STEL;9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

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

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

Health Hazards Acute and Chronic:EYES:IRRITATION. SKIN:IRRITATION.

PROLONGED OR REPEATED EXPOSURE MAY DRY THE SKIN.

INHALATION:BREATHING LARGE AMOUNTS MAY BE HARMFUL.

INGESTION:SWALLOWING LARGE AMOUNTS MAY BE HARMFUL. TARGET ORGANS:
BRAIN,HEART, LIVER, BLOOD, HEARING, LUNGS, KIDNEY, AND THE CENTRAL
NERVOUS SYSTEM.

Effects of Overexposure:METALLIC TASTE, GASTROINTESTINAL IRRITATION
(NAUSEA, VOMITING, DIARRHEA), IRRITATION (NOSE, THROAT, RESPIRATORY
TRACT), DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE,
UNCONSCIOUSNESS, EXCITATION.

Medical Cond Aggravated by Exposure:CAR

DIAC SENSITIZATION, LIVER

ABNORMALITIES, ANEMIA, RESPIRATORY TRACT DAMAGE, KIDNEY DAMAGE,
LUNG DAMAGE, CENTRAL NERVOUS SYSTEM DAMAGE.

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

First Aid:EYES-FLUSH GENTLY WITH WATER FOR AT LEAST 15 MIN. WHILE
HOLDING EYELIDS APART. SEEK MEDICAL ATTENTION. SKIN-REMOVE
CONTAMINATED CLOTHING. FLUSH EXPOSED AREA WITH LARGE AMOUNTS OF
WATER. IF DAMAGE OCCURS, SEEK IMMEDIATE MEDICAL ATTENTION.

INHALATION-IMMEDIATELY

MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO

FRESH AIR. IF DROWSY, PLACE ON LEFT SIDE. INGESTION-DO NOT INDUCE
VOMITING. SEEK DOCTOR'S HELP

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

Flash Point Method:TCC

Flash Point:24.0F,-4.4C

Lower Limits:0.9

Extinguishing Media:REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:WEAR A SELF-CONTAINED BREATHING APPARATUS WITH
A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE W/
AN APP

ROPRIATE TURN-OUT GEAR & PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:MATERIAL IS HIGHLY VOLATILE AND READILY GIVES OFF VAPORS WHICH MAY TRAVEL ALONG THE GROUND. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUMS.

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

Spill Release Procedures:SMALL SPILL:ABSORB LIQUID ON ABSORBENT MATERIAL. LARGE SPILL:ELIMINATE ALL IGNITION SOURCES. REMOVE PERSONS NOT WEARING PROTECTIVE EQUIPMENT. STOP SPILL AT SOURCE. PRE VENT FROM ENTERING DRAINS. PUMP OR VACUUM TRANSFER SPILLED PRODUCT TO CLEAN CANS.

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

Handling and Storage Precautions:EMPTY CONTAINERS OF THIS MATERIAL ARE STILL DANGEROUS. GROUND CONTAINERS. BEWARE OF USING MATERIAL AT ELEVATED TEMPERATURES.

Other Precautions:NONE

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

Respiratory Protection:NIOSH/MSHA APPROVED AIRE SUPPLIED RESPIRATOR, IF NEEDED.

V

entilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:RESISTANT GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:NONE

Supplemental Safety and Health
NONE

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

HCC:F2

Boiling Pt:=76.C, 168.8F

Vapor Pres:76

Vapor Density:>1.000

Spec Gravity:0.805

Evaporation Rate & Reference:SLOWER THAN ETHYL ETHER

Appearance and Odor

:LIQUID HOMOGENEOUS SOLUTION.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ACETALDEHYDE, ACIDS, CHLORINE, ETHYLENE OXIDE ISOCYANATES, STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, AND VARIOUS HYDROCARBONS.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE

LOCAL, STATE, AND FEDERAL REGULATIONS.

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