

ASHLAND CHEMICAL CO -- INSCO CLEANER SOLVENT SF -- 6850-01-016-3482

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Product Identification
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Product ID:INSCO CLEANER SOLVENT SF

MSDS Date:01/05/1996

FSC:6850

NIIN:01-016-3482

Status Code:A

MSDS Number: CJGKQ

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO

Box:2219

City:COLUMBUS

State:OH

ZIP:43216-2219

Country:US

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

Emergency Phone Num:80

0-274-5263

Resp. Party Other MSDS Num.:0112130-007.001

CAGE:34897

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO

Box:2219

City:COLUMBUS

State:OH

ZIP:43216-2219

Country:US

Phone:614-790-3333/800-274-5263

CAGE:34897

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

Contract Num:SP0450-99-M-C526

CAGE:4N760

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
Contract Num:SP0450-99-M-NC42
CAGE:4N760

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

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

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

Ingred Name:METHYL ETHYL KETONE (SARA 313) (CERCLA)
CAS:78-93-3
RTECS #:EL6475000
= Wt:20.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM
OSHA STEL:300 PPM
ACGIH TLV:200 PPM
ACGIH STEL:300 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA 313) (CERCLA)
CAS:108-88-3
RTECS #:XS5250000
= Wt:13.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
OSHA STEL:150 PPM
ACGIH TLV:S, 50 PPM
ACGIH STEL:S, 150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingre

d Name:ISOPROPANOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

= Wt:10.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

OSHA STEL:500 PPM

ACGIH TLV:400 PPM

ACGIH STEL:500 PPM

Ingred Name:XYLENES (SARA 313) (CERCLA)

CAS:1330-20-7

RTECS #:ZE2100000

= Wt:2.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

OSHA STEL:150 PPM

ACGIH TLV:100 PPM

ACGIH STEL:150 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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===== Hazards Identification =====
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LD50 LC50 Mixture:LD50 (O

RAL, RAT) NO DATA

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, RESPIRATORY SYSTEM, LIVER, KIDNEYS, CNS (HMIS). ACUTE - EXPOSURE CAN CAUSE EYE IRRITATION, TEARING, SWELLING. SKIN CONTACT CAN CAUSE IRRITATION. PROLONGED/REPEATED EXPOSURE MAY DRY SKIN. SKIN ABSORPTION IS POSSIBLE. SWALLOWING LARGE AMOUNTS MAY BE HARMFUL. THIS MATERIAL CAN ENTER LUNGS DURING SWALLOWING OR VOMITING CAUSING LUNG INFLAMMATION

AND/OR DAMAGE. INHALATION OF HIGH CONCENTRATIONS MAY CAUSE RESPIRATORY TRACT IRRITATION, CNS EFFECTS CHARACTERIZED BY DIZZINESS, HEADACHE, BREATHING DIFFICULTY, UNCONSCIOUSNESS. CHRONIC - MAY CAUSE CARDIAC SENSITIZATION, KIDNEY DAMAGE, BRAIN AND NERVOUS SYSTEM DAMAGE.

Explanation of Carcinogenicity:NO DATA

Effects of Overexposure:STINGING, TEARING, REDNESS, AND SWELLING OF EYES; REDNESS, BURNING, DRYING AND CRACKING OF SKIN; METALLIC TASTE, GASTROINTESTINAL IRRITATION

(NAUSEA, VOMITING, DIARRHEA), IRRITATION (NOSE, THROAT, RESPIRATORY TRACT), CENTRAL NERVOUS SYSTEM(CNS) DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS), INITIAL CNS EXCITATION (EUPHORIA, LIGHT-HEADEDNESS), OTHER CNS EFFECTS, MUSCLE WEAKNESS, LOW BLOOD PRESSURE, MILD REVERSIBLE LIVER EFFECTS, EFFECTS ON HEART RATE, RESPIRATORY DEPRESSION, IMPAIRED COORDINATION, CONFUSION, PULMONARY EDEMA, KIDNEY DAMAGE, COMA, AND DEATH.

Medical Condition Aggravated by Exposure: MAY AGGRAVATE PRE-EXISTING DISORDERS OF THESE ORGANS: CARDIAC SENSITIZATION, KIDNEY DAMAGE.

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

First Aid: EYES: MOVE AWAY FROM EXPOSURE. FLUSH EYES GENTLY WITH WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS APART. SEEK MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH EXPOSED AREA WITH LARGE AMOUNT OF WATER. SEEK MEDICAL ATTENTION IF SKIN DAMAGED OR SYMPTOMS PERSIST. SWALLOWING: DO NOT INDUCE VOMITING. ASPIRATION HAZARD. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, PLACE ON LEFT SIDE WITH THE HEAD DOWN. SEEK MEDICAL ATTENTION. IF POSSIBLE, DO NOT LEAVE INDIVIDUAL UNATTENDED. INHALATION: MOVE TO FRESH AIR. SEEK MEDICAL ATTENTION. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, PROVIDE OXYGEN.

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

Flash Point Method: TCC
Flash Point: -12.2C, 10.F

===== 10 =====

Autoignition Temp: Autoignition Temp Text: NODATA
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 WITH AN APPROPRIATE TURN-OUT GEAR AND CHEMICAL RESISTANT PERSONAL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard: MATERIAL IS HIGHLY VOLATILE AND READ

ILY

GIVES OFF VAPORS WHICH MAY TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION AND IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGE, OR OTHER IGNITION SOURCES @ LOCATIONS DISTANT FROM MATERIAL HANDLING POINT.

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

Spill Release Procedures: SMALL SPILL: ABSORB ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL. LARGE SPILL: ELIMINATE ALL IGNITION SOURCES. WEAR PROTECTIVE EQUIPMENT. STOP SPILL AT SOURCE. PREVENT FROM ENTERING SEWERS, DRAINS, ETC. PREVENT FROM SPREADING. IF RUNOFF OCCURS, NOTIFY AUTHORITIES AS REQUIRED. PUMP OR VACUUM TRANSFER TO CLEAN CONTAINERS FOR RECOVERY. ABSORB UNRECOVERABLE MATERIAL FOR DISPOSAL.

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

Handling and Storage Precautions: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPORS, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN DATA SHEET MUST BE OBSERVED. FIVE GALLON PAILS, TANK CARS/TRUCKS SHOULD BE GROUNDED AND/OR BONDED WHEN MATERIAL IS TRANSFERRED.

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

Respiratory Protection: IF WORKPLACE EXPOSURE LIMIT OF PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

Ventilation:

PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION FREE) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: RESISTANT GLOVES

Eye Protection: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS

Other Protective Equipment: TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS. EYE BATH, WASHING FACILITY, EMERGENCY SHOWER

Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURE

DURES. WASH AFTER HANDLING AND BEFORE EATING,
DRINKING OR SMOKING.

Supplemental Safety and Health
NONE

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

HCC:F2

Boiling Pt:=75.6C, 168.F

Vapor Pres:76 MMHG @ 68F

Vapor Density:>1.000

Spec Gravity:0.805

pH:N/APPLICABLE

Evaporation Rate & Reference:SLOWER THAN ETHYL ETHER

Appearance and Odor:LIQUID HOMOGENEOUS SOLUTION. NO DATA ON COLOR AND
ODOR.

Percent Volatiles by Volume:100

===== Stability and Reacti
vity Data =====

Stability Indicator/Materials to Avoid:YES

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

Stability Condition to Avoid:DO NOT USE WITH ALUMINUM EQUIPMENT AT
TEMPERATURES ABOVE 120 F.

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

Conditions to Avoid Polymerization:PRODUCT WILL NOT UNDERGO HAZARDOUS
POLYMERIZATION.

===== Toxicological Information =====
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Toxicological Information:NO DATA

===== Ecological Information =====

Ecological:NO DATA

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
LOCAL, STATE, AND FEDERAL REGULATIONS.

===== Regulatory Information =====

SARA Title III Information:METHYL ETHYL KETONE, XYLENE, AND TOLUENE ARE
SUBJECT TO THE REPORTING REQUIREMEN

TS OF SECTION 313 OF TITLE III

OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR PART 372.65 . CERCLA RQ: ETHYL ACETATE = 5000 LBS;MEK = 5000 LBS, TOLUENE = 1000 LBS AND XYLENE = 100 LBS AND ARE LISTED ON TSCA LIST.

Federal Regulatory Information:TSCA (TOXIC SUBSTANCE CONTROL ACT) STATUS: THE INTENTIONAL INGREDIENTS OF THIS PRODUCT ARE LISTED.

State Regulatory Information:CALIFORNIA PROPOSITION 65: THE FOLLOWING STATEMENT IS MADE IN ORDER TO C

OMPLY WITH THE CALIFORNIA STATE SAFE

DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986: THIS PRODUCT CONTAINS BENZENE, A SUBSTANCE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. THIS PRODUCT CONTAINS TOLUENE, A SUBSTANCE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE REPRODUCTIVE HARM. NEW JERSEY RTK LABEL INFORMATION.: NAPHTHA SOLVENT, ETHYL ACETATE, METHYL ETHYL KETONE, TOLUENE, ISOPROPANOL, XYLENE. PENNSYLVANIA RTK LABEL INFORMATION: ACETIC ACID ETHYL ESTER, 2-BUT

ANONE, BENZENE,METHYL-, 2-PROPANOL, BENZENE, DIMETHYL-.

===== Other Information =====

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