

ASHLAND CHEMICAL COMPANY -- 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:02/05/1998

FSC:6850

NIIN:01-016-3482

MSDS Number: CHWZL

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL COMPANY

Box:2219

City:COLUMBUS

State:OH

ZIP:43216-2219

Country:US

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

Emergency Phone Num:800-27

4-5263 OR 800-ASHLAND

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

CAGE:4N760

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Composition/Information on Ingredients  
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Ingred Name:VM & P NAPHTHA/ALIPHATIC PETROLEUM DISTILLATES

CAS:64742

-89-8

Fraction by Wt: 36 - 40%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

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:20

0 PPM

ACGIH 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: 8 - 12%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9596

===== Haz

ards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, CNS, LIVER, KIDNEY. ACUTE- CAUSES EYE IRRITATION, SKIN DRYNESS. CAN BE ABSORBED THROUGH SKIN. OVEREXPOSURE BY INHALATION MAY CAUSE CNS DEPRESSION. ASPIRATION HAZARD IF SWALL OWED. CHRONIC- MAY CAUSE CARDIAC SENSITIZATION, KI

DNEY DAMAGE. MAY EFFECT VISION, HEARING, HEART, LIVER, KIDNEY & BLOOD.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, DRY SKIN, TEARING, BLURRED VISION, REDNESS, DEFATTING, HEADACHE, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, VOMITING, DIARRHEA

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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First Aid Measures =====

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. INHALED: MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES: FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: FLUSH WITH PLENTY OF WATER. ORAL: SEEK MED ICAL ATTENTION. IF PERSON IS DROWSY/UNCONSCIOUS, PLACE ON LEFT SIDE WITH HEAD DOWN. IF POSSIBLE, DO NOT LEAVE INDIVIDUAL UNATTENDED.

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

Flash Point Method:

TCC

Flash Point:10F,-12C

Lower Limits:0.9%

Upper Limits:12%

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, FOAM. WATER MAY BE INEFFECTIVE, BUT SHOULD BE USED TO COOL FIRE-EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINER

RS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. REMOVE SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND/CLAY. PLACE IN CONTAINER FOR DISPOSAL. WASH SPILL SITE AFTER PICK UP IS COMPLETE. PREVENT LIQUID FROM ENTERINGSEWER.

Neutralizing Agent:NOT RELEVANT

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

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Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINERS IN VENTILATED AREA AWAY FROM IGNITION SOURCES. KEEP OUT OF REACH OF CHILDREN. AVOID EYE CONTACT.

Other Precautions:WARNING! SUDDEN RELEASE OF HOT ORGANIC CHEMICAL VAPORS OR MISTS FROM PROCESS EQUIPMENT OPERATING AT ELEVATED TEMPERATURES AND PRESSURES MAY RESULT IN IGNITION WITHOUT THE PRESENCE OF OBVIOUS IGNITION SOURCES. AVOID BREATHING VAPORS.

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

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Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-SUPPLIED RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREAT HING APPARATUS.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NITRILE RUBBER FOR REPEATED CONTACT

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other

Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE. LAB COAT

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING OR DRINKING.

Supplemental Safety and Health

NOTE TO PHYSICIAN: INCREASED CARDIAC SENSITIVITY AND POSSIBLE ARRHYTHMIA MAY RESULT FROM OVEREXPOSURE. DO NOT ADMINISTER EPINEPHRINE OR OTHER STIMULATING DRUGS FO

ALLOWING OVEREXPOSURE  
UNLESS ABSOLUTELY NECESSARY.

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

HCC:F2  
NRC/State Lic Num:NOT RELEVANT  
Boiling Pt:=75.6C, 168.F  
Vapor Pres:51 @ 68F  
Vapor Density:>1  
Spec Gravity:0.805  
VOC Pounds/Gallon:690  
VOC Grams/Liter:5.76  
Evaporation Rate & Reference: