

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC -- SOLVENT 140-66 -- 6850-01-377-1916  
===== Product Identification =====

Product ID:SOLVENT 140-66

MSDS Date:01/26/1998

FSC:6850

NIIN:01-377-1916

Status Code:A

MSDS Number: CJKYG

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Info Phone Num:800-

274-5263/5147983333

Emergency Phone Num:800-274-5263

Resp. Party Other MSDS Num.:999.0014074-009.005

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 COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

Contract Num:SP0450-99-M-C868

CAGE:60777

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Composition/Information on Ingredients  
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Ingred Name:ALIPHATIC PETROLEUM DISTILLATES  
CAS:64742-88-7  
= Wt:100.

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Hazards Identification  
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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: CAUSES KIDNEY DAMAGE IN  
MALE RATS. THE KIDNEY EFFECTS ARE NOT EXPECTED TO OCCUR IN HUMANS.  
EYE-MAY CAUSE MILD EYE  
E IRRITATION. SKIN-MAY CAUSE SILD SKIN  
IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY SKIN.  
SWALLOWING-SWALLOWING SMALL AMOUNTS OF THIS MATERIAL DURING NORMAL  
HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS. SWALLOWING LARGE  
AMOUNTS MAY BE HARMFUL. INHALATION-BREATHING LARGE AMOUNTS MAY BE  
HARMFUL.

Explanation of Carcinogenicity:BASED ON THE AVAILABLE INFORMATION, THIS  
MATERIAL CANNOT BE CLASSIFIED WITH REGARD TO CARCINOGENICITY. THIS  
MATERIAL IS NOT LISTED AS A  
CARCINOGEN BY IARC, NTP OR OSHA.

Effects of Overexposure:EYE-STINGING, TEARING, REDNESS. MAY INCLUDE:  
STOMACH OR INTESTINAL UPSET (NAUSEA, VOMITING, DIARRHEA) IRRITATION  
(NOSE, THROAT, AIRWAYS) CENTRAL NERVOUS SYSTEM DEPRESSION  
(DIZZINESS, DROWSINESS, WEAKN ESS, FATIGUE, NAUSEA, HEADACHE,  
UNCONSCIOUSNESS).

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First Aid Measures  
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First Aid:EYES-MOVE INTO FRESH AIR. FLUSH EYES WITH WATER WHILE HOLDING  
EYELIDS APART. IF SYMPTOMS PE  
RSISTS, SEEK MEDICAL ATTENTION.  
SKIN-REMOVE CONTAMINATED CLOTHES. WASH EXPOSED AREA WITH SOAP &  
WATER. IF SY MPTOMS PERSISTS, SEEK MEDICAL ATTENTION.  
SWALLOWING-SEEK MEDICAL ATTENTION. IF DROWSY OR UNCONSCIOUS, DO NOT  
GIVE ANYTHING BY MOUTH, PLACE ON THE LEFT SIDE WITH HEAD DOWN.  
CONTACT A PHYSICIAN FOR ADVI CE ABOUT INDUCING VOMITING. DO NOT  
LEAVE UNATTENDED. INHALATION-IMMEDIATELY REMOVE TO FRESH AIR. SEEK  
IMMEDIATE MEDICAL ATTENTION; KEEP QUIET & WARM. IF NOT BRE

ATHING,  
BEGIN ARTIFICIAL RESPIRATION OR IF HARD ADMINISTER OXYGEN.

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

Flash Point Method:TCC

Flash Point:142 - 150F

Autoignition Temp:=226.7C, 440.F

Lower Limits:1.0

Upper Limits:6.0

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

Fire Fighting Procedures:WEAR A SELF-CONTAINED BREATHING APPARATUS WITH  
A FULL FACEPIECE OPWEATED IN THE POSITIVE PRESSURE DEMAND MODE WITH  
APPROPRIATE TURN-OUT GEAR AND CH

EMICAL RESISTANT PERSONAL

PROTECTIVE EQUIPMENT. REFER TO THE PERSONAL PROTECTIVE EQUIPMENT  
SECTION OF THIS MSDS.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY  
TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION AND IGNITED BY  
HEAT, PILOT LIGHTS, OTHER FLAMES AND IGNITION SOURCES AT LOCATIONS  
DISTANT FROM MATERIAL HANDLING POINT.

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

Spill Release Procedures:ABSORB LIQUID ON VERMICULITE, FLO  
OR ABSORBENT,  
OR OTHER ABSORBENT MATERIAL.

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

Handling and Storage Precautions:HYDROCARBON SOLVENTS ARE BASICALLY  
NON-CONDUCTORS OF ELECTRICITY & CAN BECOME ELECTROSTATICALLY  
CHARGED DURING MIXING, FILTERING OR PUMPING AT HIGH FLOW RATES. IF  
THIS CHARGE REACHES A SUFFICIENTLY HI GH LEVEL, SPARKS CAN FORM  
THAT MAY IGNITE THE VAPORS OF FLAMMABLE LIQUIDS.

Other Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZAR  
DOUS WHEN

EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES, ALL  
HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED. ALL  
FIVE GALLON PAILS & LA RGER METAL CONTAINERS, INCLUDING TANK  
CARS/TANK TRUCKS, SHOULD BE GROUNDED &/OR BONDED WHEN MATERIAL IS  
TRANSFERRED.

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

Respiratory Protection:IF WORKPLACE IXPOSURE LIMITS(S) OF PRODUCT OR  
ANY COMPONENT IS EXCEEDED A NIOSH/MSHA APPROVED AIR SUPPLI

ED

RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.  
OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS (NEGATIVE  
PRESSURE TYPE)\*

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

Protective Gloves: RESISTANT

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Equipment: TO PREVENT REPEATED OR PROLONGED SKIN  
CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

Supplemental Safety and Health

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EVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE  
PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY. \*UNDER SPECIFIED  
CONDITIONS (SEE YOUR INDUSTRIAL HYGIENIST). ENGINEERING OR A  
ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

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

HCC: V6

Boiling Pt: =179.4C, 355.F

B.P. Text: @ 760 MMHG

Vapor Pres: .500 MMHG @ 68F

Vapor Density: 5.80

Spec Gravity: .790 @ 60F

VOC Pounds/Gallon: 790

pH: ND

VOC Grams/Liter: 6.59

Viscosity: 1.4 CPS

Evaporation Rate & Reference: 15.00 (ETHER)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: WATER WHITE LIQUID, HYDROCARBON ODOR

Percent Volatiles by Volume: 100

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

Stability Indicator/Materials to Avoid: YES

AVOID CONTACT WITH: STRONG OXIDIZING AGENTS.

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

Conditions to Avoid Polymerization

on:PRODUCT WILL NOT UNDERGO HAZARDOUS  
POLYMERIZATION.

===== Toxicological Information =====

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.

===== MSDS Transport Information =====

Transport Information:DOT INFORMATION - 49 CFR 172.101. DOT  
DESCRIPTION: PETROLUEM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID, UN  
1268, III. CONTAINER/MODE: 55 GAL DRUM/TRUCK PACKAGE. NOS  
COMPONENT: NAPTHA.

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

SARA Title III Information:SECTION 311/312 HAZARD CLASS - 40 CFR 370.2:  
DELAYED(X) FIRE(X).

Federal Regulatory Information:TSCA (UNITED STATES) THE INTENTIONAL  
INGREDIENTS OF THIS PRODUCT ARE LISTED.

Sta  
te Regulatory Information:NONE

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

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