

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC -- MINERAL SPIRITS 66,142 SOLVENT --
6850-00-285-8011

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

Product ID:MINERAL SPIRITS 66,142 SOLVENT

MSDS Date:01/26/1998

FSC:6850

NIIN:00-285-8011

MSDS Number: CGLRX

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

Emergency Phone Num:800-2

74-5263 (ASHLAND)

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:VENUS LABORATORIES INC

Address:15571 COMMERCE LANE

Box:City:HUNTINGTON BEACH

State:CA

ZIP:92649

Country:US

Phone:714-881-3100

CAGE:0N140

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

Ingred Name:ALIPHATIC HYDROCARBONS/STOD

DARD SOLVENT
CAS:8052-41-3
RTECS #:WJ8925000
Fraction by Wt: 100.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:100 PPM; 9596

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

LD50 LC50 Mixture:TLV 100 PPM
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, TEARING, REDNESS, DRYING AND
CRACKING OF SKIN, NAUSEA, VOMITING, COUGHIN
G, HEADACHE, DIZZINESS,
DROWSINESS, WEAKNESS, FATIGUE, UNCONSCIOUSNESS
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS, EYE PROBLEMS, OR IMPAIRED CNS OR RESPIRATORY FUNCTION
MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

===== 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 EYEL
IDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO
NOT INDUCE VO MITING. IF PERSON IS DROWSY/UNCONSCIOUS, PLACE ON
LEFT SIDE WITH HEAD DOWN. GET MEDICAL ATTENTION. IF POSSIBLE, DO
NOT LEAVE INDIVIDUAL UNATTENDED.

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

Flash Point Method:TCC
Flash Point:105F,41C
Autoignition Temp:Autoignition Temp Text:490F
Lower Limits:1.0
Upper Limits:6.0
Extinguishing Media:USE CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER
SPRAY MAY

BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE 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.
CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:REMOVE IGNITION SOURCES. VENTILATE AREA.
ABSORB SPILL WITH NON-FLAMMABLE MATERIAL SUCH AS VERMICULITE OR
SAND. PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE
THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION. DO NOT FLUSH TO
SEWERS OR WATERWAYS.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA, AWAY
FROM FLAMES & STRONG OXIDIZING AGENTS. KEEP CONTAINER
TIGHTLY
CLOSED.
Other Precautions:WARNING! FLAMMABLE. KEEP OUT OF REACH OF CHILDREN.
AVOID EYE CONTACT. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY
AFTER HANDLING. EMPTY CONTAINER RETAINS RESIDUE. FOLLOW LABEL
INSTRUCTIONS. AVOID REPEATED SKIN CONTACT.

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

Respiratory Protection:IF ENGINEERING CONTROLS ARE INADEQUATE, A
NIOSH-APPROVED AIR-SUPPLIED RESPIRATOR SHOULD BE WORN.
Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves:RUBBER
Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GOGGLES
Other Protective Equipment:EYE BATH, WASHING FACILITIES, SAFETY SHOWER
Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING,
DRINKING/SMOKING.
Supplemental Safety and Health

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

HCC:F4

NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:315F,157C
Vapor Pres:2 @ 68F
Vapor Density:4.9
Spec Gravity:0.772
Evaporation Rate & Reference:0.12 (N-BUTYL ACETATE=1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:CLEAR, COLORLESS LIQUID - HYDROCARBON ODOR
Percent Volatiles by Volume:100.0

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HEAT, OPEN FLAMES
Hazardous De
composition Products:CARBON MONOXIDE, CARBON DIOXIDE,
VARIOUS HYDROCARBONS

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

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL IS SUBJECT TO
FEDERAL, STATE OR LOCAL REGULATIONS. REUSING OR INCINERATION IS
RECOMMENDED.

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