

ASHLAND CHEMICAL CO IC AND S DIV -- DRY CLEANING SOLVENT TYPE 11 -- 6850-00-285-8011
===== Product Identification =====

Product ID: DRY CLEANING SOLVENT TYPE 11

MSDS Date: 12/22/1993

FSC: 6850

NIIN: 00-285-8011

MSDS Number: CGLCQ

=== Responsible Party ===

Company Name: ASHLAND CHEMICAL CO IC AND S DIV

Address: 5200 BLAZER PKY

Box: 2219

City: DUBLIN

State: OH

ZIP: 43017

Country: US

Info Phone Num: 614-889

-3844

Emergency Phone Num: 614-889-3844

CAGE: 5A188

=== Contractor Identification ===

Company Name: ASHLAND CHEMICAL CO

Address: 5200 PAUL BLAZEL MEMORIAL PARKWAY

Box: City: DUBLIN

State: OH

ZIP: 43017

Country: US

Phone: 614-889-4505

CAGE: 5A188

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: NAPHTHA, MEDIUM ALIPHATIC/ALIPHA

TIC PETROLEUM DISTILLATE

CAS:64742-88-7

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM (MFR)

ACGIH TLV:100 PPM (MFR)

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE-EYE: MAY CAUSE SEVERE EYE IRRITATION. SKIN CONTACT: MAY CAUSE IRRITATION,DEFATTING &

DERMATITIS. INHALATION: VAPORS/MISTS MAY CAUSE NASAL AND RESPIRATORY IRRITATION, CNS EFFECTS LIKE HEADACHE, DIZZINESS, NAUSEA,VOMITING, UNCONSCIOUSNESS, EVEN DEATH. INGESTION: CAUSES GI IRRITATION, VOMITING, DIARRHEA.

Explanation of Carcinogenicity:NOT A CARCINOGEN.

Effects of Overexposure:EYES: STINGING, TEARING, REDNESS, SWELLING, AND EYE DAMAGE. SKIN: DRY SKIN, REDNESS, BURNING, CRACKING OF THE SKIN.

INHALATION: DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE AND POS

SIBLE UNCONSCIOUSNESS, AND EVEN DEATH. INGESTION: NAUSEA,VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

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

First Aid:EYES: IMMEDIATELY MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. SEEK IMMEDIATE MED

ICAL ATTENTION. SKIN: WASH EXPOSED AREA WITH SOAP AND WATER. S EEK MEDICAL ATTENTION. INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:142-150F

Lower Limits:1.0

Upper Limits:6.0

Extinguishing Media:REGULAR FOAM, CARBON DIOXIDE OR DRY CHEMICAL

Fire Fighting Procedures:WEAR FULL

PROTECTIVE CLOTHING AND NIOSH-

APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard: NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY. VAPORS ARE HEAVIER THAN AIR.

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

Spill Release Procedures: SMALL SPILLS: ABSORB LIQUID ON VERMICULATE, FLOOR ABSORBENT OR OTHER

ABSORBENT MATERIAL. LARGE SPILL: ELIMINATE

ALL IGNITION SOURCES. STOP SPILL AT SOURCE. PREVENT FROM ENTERING DRAINS, SEWERS, STREAMS OR OTHER BODIES OF WATER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: ALL FIVE GALLON PAILS AND LARGER METAL CONTAINERS INCLUDING TANK CARS AND TANK TRUCKS SHOULD BE GROUNDED AND/OR BONDED WHEN MATERIAL IS TRANSFERRED.

Other Precautions: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE

GROUND OR BE MOVED BY VENTILATION AND IGNITED AT LOCATIONS DISTANCE FROM MATERIAL HANDLING POINT. DO NOT USE IN CLOSED SPACE. AVOID BREATHING VAPORS OR MISTS.

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

Respiratory Protection: IF HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH-APPROVED RESPIRATOR IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. WEAR SUPPLIED-AIR RESPIRATOR PROTECTION IN CONFINED OR

ENCLOSED SPACES, IF NEEDED.

Ventilation: 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: EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

WARNING!!! SUDDEN RELEASE OF HOT ORGANIC CHEMICAL VAPORS OR MISTS F

ROM

PROCESS EQUIPMENT OPERATING AT ELEVATED TEMPERATURE AND PRESSURE,
OR SUDDEN INGRESS OF AIR INTO VACUUM EQUIPMENT, MAY RESULT IN I
GNITION WITHOUT THE PRESENCE OF OBVIOUSIGNITION SOURCES.

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

HCC:V4

Boiling Pt:B.P. Text:355F,179C

Vapor Pres:0.50

Vapor Density:5.48

Spec Gravity:0.790

Evaporation Rate & Reference:0.03 (N-BUTYL ACETATE=1)

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Vol

ume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, SPARKS, IGNITION SOURCES

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

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

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

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