

ASHLAND OIL,INC -- TT-T-548,TOLUENE -- 6810-00-735-1751

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

Product ID:TT-T-548,TOLUENE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-735-1751

MSDS Number: BFMSQ

=== Responsible Party ===

Company Name:ASHLAND OIL,INC

Address:1409 WINCHESTER AVE

Box:391

City:ASHLAND

State:KY

ZIP:41114

Country:US

Emergency Phone Num:NONE

CAGE:81355

=== Contractor Identification ===

Company Name:

e:ASHLAND INC

Address:1409 WINCHESTER AVE

Box:391

City:ASHLAND

State:KY

ZIP:41114

Country:US

Phone:800-622-6846

CAGE:81355

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

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: >60%

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

Effects of Overexposure:EYES:SEVERE IRRITATION.SKIN:MODERATE

IRRITATION,DEFATTING.BREATHING:NASAL& RESPIRATORY IRRITATION

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First Aid Measures
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First Aid:SKIN:WASH AREA WITH SOAP & WATER.REMOVE CONTAMINATED CLOTHING-WASH BEFORE RE-USE.EYES:FLUSH WITH LARGE AMTS OF WATER.SWALLOWED:DONOT INDUCE VOMITING,KEEP PERSON WARM,QUIET,GET MEDICAL ATTENTION.BREATH ED: REMOVE TO FRESH AIR.KEEP PERSON WARM,QUIET

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Fire Fighting Measures
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Flash Point:40F TC

C.

Lower Limits:1.2

Upper Limits:7.0

Extinguishing Media:DRY CHEMICAL,REGULAR FOAM,WATER FOG,CARBON DIOXIDE

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE

Unusual Fire/Explosion Hazard:VAPORS MAY TRAVEL ALONG THE GROUND & CAUSE FLASH FIRES OR BE IGNITED BY PILOT LIGHTS,FLAMES,SPARKS.

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Accidental Release Measures
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Spill Release Procedures:SMALL SPILL: ABSORB LIQUID ON PAPER,VERMICULITE,FLOOR ABSORBENT & TRANSFER

TO HOOD.LARGE SPILL:

ELIMINATE ALL IGNITION SOURCES.EXCLUDE PEOPLE FROM AREA NIOT WEARING PROTECTIVE EQUIPMENT.STOP SPILL AT SOURCE.RESIDUAL LIQUID MAY BE TAKEN UPONSAND,CLAY

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Handling and Storage
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Handling and Storage Precautions:PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE.OUTDOOR OR DETACHED STORAGE IS PREFERABLE.I

Other Precautions:WEAR CHEMICAL GOGGLES,CHEMICAL CARTRIDGE RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS & RUBBE R GLOVES.

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Exposure Controls/Personal Protection
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Respiratory Protection:NIOSH/MESA JOINTLY APPROVED SELF-CONTAINED BREATHING APPARATUS

Ventilation:AS REQUIRED TO CONTROL TLV IN AIR

Protective Gloves:BUNG-N GLOVES

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING & BOOTS

Supplemental Safety and Health

SWALLOWING:STOMACH IRRITATION,NAUSEA,VOMITING,DIARRHEA,CHEMICAL PNEUMONITIS (FATAL).SELF CONTAINED BREATHING APPARATUS

MUST BE

OPERATED IN A PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

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

HCC:F2

Boiling Pt:=111.1C, 232.F

Vapor Pres:38

Vapor Density:4.5

Spec Gravity:0.871

Evaporation Rate & Reference:4.5,ETHER

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS,BENZENELIKE ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

AVO

ID CONTACT WITH STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:CO*2,CO WHEN BURNED

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

Waste Disposal Methods:SMALL SPILL:ALLOW VOLATILE PORTION TO EVAPORATE
IN HOOD.DESTROY REMAINING MATERIAL BY BURNING IN AN IRON PAN.LARGE
SPILL: DESTROY BTY LIQUID INCINERATION UNDER CONTROLLED
CONDITIONS.MATERIAL COLLECTED ON ABSORBENT MATERIAL MAY BE
DEPOSITEDIN LANDFIL

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