View NSN Online: https://aerobasegroup.kr/nsn/6810-00-735-1751 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 Nam 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

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

IRRITATION, DEFATTING. BREATHING: NASAL& RESPIRATORY IRRITATION 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 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. ======== Accidental Release Measures ============ 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 ============= Handling and Storage ========================== 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. ====== Exposure Controls/Personal Protection ======== Respiratory Protection: NIOSH/MESA JOINTLY APPROVED SELF-CONTAINED

BREATHING APPARATUS

Ventilation: AS REQUIRED TO CONTROL TLV IN AIR

Protective Gloves:BUNG-N GLOVES

Eve 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 & Department 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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