

ASHLAND INC -- TECTYL 894, PETROLEUM BASED RUST PREVENTATI -- 8030-00-244-1296  
===== Product Identification =====

Product ID:TECTYL 894, PETROLEUM BASED RUST PREVENTATI

MSDS Date:03/05/1998

FSC:8030

NIIN:00-244-1296

Status Code:A

MSDS Number: CLQVW

=== Responsible Party ===

Company Name:ASHLAND INC

Address:1409 WINCHESTER AVE

Box:391

City:ASHLAND

State:KY

ZIP:41114

Country:US

Info Phone Num:800-6

22-6846

Emergency Phone Num:800-424-9300

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:81355

=== Contractor Identification ===

Company Name: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:STODDARD SOLVENT

CAS:8052-41-3

RTECS #:WJ8925000

Minimum % Wt:36.

Maximum % Wt:46.

OSHA PEL:2900 MG/M3;500 PPM

ACGIH TLV:525 MG/M3;100

PPM

Ingred Name:PETROLATUM (PETROLEUM), OXIDIZED, ZINC SALT

CAS:68918-69-4

Minumum % Wt:25.

Maxumum % Wt:35.

Ingred Name:DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC

CAS:64742-65-0

RTECS #:PY8038500

Minumum % Wt:15.

Maxumum % Wt:25.

Ingred Name:SULFONIC ACIDS, PETROLEUM, SODIUM SALTS

CAS:68608-26-4

RTECS #:WR7150000

Minumum % Wt:4.3

Maxumum % Wt:14.

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Hea

lth Hazards Acute and Chronic:EYE: CAN CAUSE EYE IRRITATION.SYMPTOMS INCLUDE STINGING, TEARING, REDNESS, AND SWELLING OF EYES. SKIN: MAY CAUSE MILD SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY THE SKIN. SYMPTOMS MAY INCL UDE REDNESS, BURNING, DRYING AND CRACKING OF SKIN, AND SKIN BURNS.SWALLOWING SMALL AMOUNTS OF THIS MATERIAL DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS. SWALLOWING LARGE AMOUNTS MAY BE HARMFUL. THIS MATERIAL CAN ENTER THE LUNGS DURING SWALLOWING OR VOMITING AND CAUSE LUNG INFLAMMATION AND/OR DAMAGE. INHALATION: BREATHING OF VAPORS OR MIST IS POSSIBLE. BREATHING SMALL AMOUNTS OF T HIS MATERIAL DURING NORMAL HANDLING I

Effects of Overexposure:STOMACH OR INTESTINAL UPSET (NAUSEA, VOMITING, DIARRHEA), IRRITATION (NOSE, THROAT, AIRWAYS), CENTRAL NERVOUS SYSTEM DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUS NESS), AND DEATH. TARGET ORGAN EFFECTS: OVEREXPO

SURE TO THIS MATERIAL (OR ITS COMPONENTS) HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS, AND MAY AGGRAVATE PREEXISTING DISORDERS OF THESE ORGANS: CENTRAL NERVOUS SYSTEM EFFECTS.

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

First Aid:EYES: IF SYMPTOMS DEVELOP, MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. FLUSH EYES GENTLY WITH WATER WHILE HOLDING EYELIDS APART, IF SYMPTOMS PERSIST OR THERE IS ANY VISUAL DIFFICULTY, SE

EK MEDICAL ATTENTION.SKIN: REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER. SEEK MEDICAL ATTENTION. SWALLOWING: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION. INHALATION: IMMEDIATELY MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. SEEK MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:=41.1C, 106.F

Lower Limits:1.0%

Extinguishing Media:REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICA

L.

Fire Fighting Procedures:WATER OR FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT AND POSSIBLY ENDANGER THE LIFE OF THE FIREFIGHTER. WEAR A SELF CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WITH APPROPRIATE TURN-OUT GEAR AND CHEMICAL RESISTANT PERSONAL PROTECTIVE EQUIPMENT. REFER TO THE PERSONA

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. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE

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

Spill Release Procedures:SMALL SPILL: ABSORB LIQUID ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIALS. LARGE SPILL: ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES INCLUDI

NG PILOT

LIGHTS, ELECTRICAL SPARKS). PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE. PREVENT FROM ENTERING DRAINS, SEWERS, STREAMS OR OTHER BODIES OF WATER

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

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND /OR SOILD), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERV ED. ALL FIVE GALLON PAILS AND LARGER METAL CONTAINERS INCLUDING TANK CARS AND TANK TRUCKS SHOULD /

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

Respiratory Protection:IF WORPLACE EXPSORE LIMIT(S) OF PRODUCT OR ANY COMPONENT IS EXCEEDED (SEE EXPOSURE GUIDELINES), A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSH A REGULA TIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS (NEGATIVE PRESSURE TYPE) UNDER SPECIFIED CONDITIONS.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW LEVEL OF OVEREXPOSURE (FROM KNOWN, SUSPECTED OR APPARENT ADV Protective Gloves:NEOPRENE, NITRILE RUBBER, WEAR NORMAL WORK CLOTHING COVERING ARMS AND LEGS.

Eye Protection:CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED, HOWEVE

Supplemental S  
afety and Health

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

Boiling Pt:=157.2C, 315.F  
Vapor Pres:2.000 MMHG@68.00 F  
Vapor Density:>1.0 AIR=1  
Spec Gravity:.870 @ 77.00 F  
Evaporation Rate & Reference:SLOWER THAN ETHYL ETHER  
Appearance and Odor:TRANSLUCENT LIQUID AMBER.  
Percent Volatiles by Volume:40.0-45.0%

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

Stability Indicator/Materials to Avoid:YES  
AVOID CONTACT WITH: STRONG OXIDIZING AGENTS.  
Haz

ardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE,  
SULFUR COMPOUNDS, VARIOUS HYDROCARBONS.

Conditions to Avoid Polymerization:WILL NOT UNDERGO HAZARDOUS  
POLYMERIZATION.

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

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

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

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ng agencies):

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