

ASHLAND CHEMICAL COMPANY -- TECTYL 511 M, CLASS I -- 8030-00-137-1671

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

Product ID:TECTYL 511 M, CLASS I
MSDS Date:02/10/1995
FSC:8030
NIIN:00-137-1671
MSDS Number: CBRVT
=== Responsible Party ===
Company Name:ASHLAND CHEMICAL COMPANY
Box:2219
City:COLUMBUS
State:OH
ZIP:43216-2219
Country:US
Info Phone Num:614-790-3333
Emergency Phone Num:800-274-5236 OR 800-ASHLA
ND
CAGE:34897
=== Contractor Identification ===
Company Name:ASHLAND CHEMICAL CO
Box:2219
City:COLUMBUS
State:OH
ZIP:43216-2219
Country:US
Phone:614-790-3333/800-274-5263
CAGE:34897

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

Ingred Name:STODDARD SOLVENT
CAS:8052-41-3
RTECS #:WJ8925000
Fraction by Wt: 43-53% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:100 PPM; 9596

Ingred Name:PETROLEUM LUBE OIL
Fraction by Wt: 24-34% %
Other REC Limits:NONE RECOMME

NDED

Ingred Name:OXYGENATED HYDROCARBON

Fraction by Wt: 5-15% %

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 OIL MIST

ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:SODIUM PETROLEUM SULFONATE

CAS:68608-26-4

Fraction by Wt: 5-15% %

Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHYLENE GLYCOL MONOPROPYL ETHER,

CAS:2807-30-9

RTECS #:KM2800000

Fraction by Wt: 0-7% %

Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPASOL P

CAS:1569-01-3

RTECS #:UB9351000

Fraction by Wt: 0-6% %

Other REC Limits:NON

E RECOMMENDED

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

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

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

Health Hazards Acute and Chronic:EXPOSURE MAY CAUSE EYE IRRITATION,
SKIN IRRITATION. SWALLOWING SMALL AMOUNTS NOT HARMFUL. SWALLOWING
LARGE DOSES MAY BE HARMFUL. ASPIRATION HAZARD. BREATHING SMALL
AMOUNTS DURING NORMAL HANDLING IS NO T LIKELY
TO CAUSE HARMFUL
EFFECTS.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.

Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION,
GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA. BREATHING
AND LOSS OF CONSCIOUSNESS, DIZZINESS, STAGGERING GAIT, CONFUSION,
COMA. PROLONGED CONTACT WILL CAUSE DRYING AND CRACKING OF THE
SKIN. SKIN SENSITIZATION, ASTHMA OR OTHER A

ALLERGIC REACTION MAY

DEVELOP, CNS EFFECTS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF OCCURS, KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:106F,41C

Lower Limits:1.00 %

Upper Limits:NOT GIVEN

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND CONTAINERS EXPOSED TO FIRE WITH WATER.

Unusual Fire/Explosion Hazard:VA

VAPORS ARE HEAVIER THAN AIR AND MAY

TRAVEL ALONG THE GROUND OR MOVED BY VENTILATION AND IGNITED BY HEAT, PILOT LIGHTS, OTHER FLAMES OR IGNITION SOURCES.

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

Spill Release Procedures:ABSORB LIQUID ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIALS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:CONTAINERS OF

THIS MATERIAL MAY BE

HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES ALL HAZARD PRECAUTIONS MUST BE OBSERVED.

Other Precautions:ALL FIVE GALLON PAILS AND LARGER METAL CONTAINERS

SHOULD BE GROUNDED AND/OR BONDED WHEN MATERIAL IS TRANSFERRED.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATION EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN A

CCORD WITH 29 CFR 1910.134 USE EITHER AN
ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR.
Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE
CONCENTRATIONS BELOW RESPECTIVE TLV'S.
Protective Gloves:NEOPRENE, NITRILE RUBBER
Eye Protection:CHEMICAL GOGGLES, SAFETY GLASSES W/SIDES
Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO
PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE
AVAILABLE.
Work Hygienic Practices:WASH HANDS
THOROUGHLY WITH SOAP AND WATER
BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.
Supplemental Safety and Health
REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

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

HCC:F4
Boiling Pt:B.P. Text:315F,157C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:2
Vapor Density:NOT GIEN
Spec Gravity:0.841
Evaporation Rate & Reference:< 1 (ETHYL ETHER = 1)
Solubility in Water:NOT GIVEN
Appearance and Odor:AMBER LIQUID,
ODOR UNSPECIFIED
Percent Volatiles by Volume:50-55%

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
VARIOUS HYDROCARBONS

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DIS

CARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.