

VIRGINIA K M P CORP -- VIRGINIA TKO ACID TEST KIT -- 6630-01-111-0826

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

Product ID:VIRGINIA TKO ACID TEST KIT

MSDS Date:02/17/1990

FSC:6630

NIIN:01-111-0826

MSDS Number: BGWKZ

=== Responsible Party ===

Company Name:VIRGINIA K M P CORP

Address:4100 PLATINUM WAY

City:DALLAS

State:TX

ZIP:75237

Country:US

Info Phone Num:214-330-7731

Emergency Phone Num:214-330-7731

Pre

parer's Name:J.KENNETH NOVAK

CAGE:8J132

=== Contractor Identification ===

Company Name:VIRGINIA K M P CORPORATION

Address:4100 PLATINUM WAY

Box:City:DALLAS

State:TX

ZIP:75237

Country:US

Phone:214-330-7731

CAGE:8J132

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

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 40-60%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ing

red Name:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 40-60%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192

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

LD50 LC50 Mixture:ORAL RAT LD50: 5000MG/KG (TOLUENE)
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:LIQUID AND VAPOR IS IRRITATING TO EYES. LIQUID IS SLIGHTLY IRRITATING TO SKIN. PROLONGED OR REPEATED CONTACT CAN RESULT IN DERMATITIS. VAPORS MAY BE IRRITATING TO NOSE, THROAT & RESPIRATORY TRACT. INGESTION OF PRODUCT MAY RESULT IN VOMITING. PROLONGED AND REPEATED EXPOSURE MAY AFFECT LIVER AND KIDNEY.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.
Effects of Overexposure:MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION. MAY ALSO CAUSE HEADACHE, DIZZINESS AND NAUSEA. ASPIRATION PNEUMONITIS MAY CAUSE COUGHING, LABORED BREATHING, CYANOSIS, AND IN SEVERE CASES, DEATH.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE SKIN MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE. INHALATION: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. RINSE MOUTH & DRINK LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION.

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

Flash Point Method:COC
Flash Point:40F/4.4C
Lower Limits:1.4
Upper Limits:7
Extinguishing Media:USE CARBON DI

OXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:WIPE UP SMALL SPILLS WITH PAPER TOWEL. WEAR GLOVES, GOGGLES & RESPIRATOR. VENTILATE AREA. DO NOT BREATHE VAPOR. ELIMINATE IGNITION SOURCES. DIKE TO RETAIN RUNOFF. VACUUM OR PUMP FREE LIQUID. ABSORB RESIDUE WITH INERT MATERIAL & PLACE IN SALVAGE DRUM.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE. KEEP CONTAINERS CLOSED WHEN MATERIAL IS NOT IN USE. KEEP AWAY FROM IGNITION SOURCES. AVOID PROLONGED OR REPEATED CONTACT.

Other Precautions:AVOID DIRECT SUNLIGHT CONTACT.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF USED IN ENCLOSED AREA, WEAR A NIOSH/MSHA APPROVED CHEMICAL CARTRIDGE RESPIRATOR WITH FULL FACEPIECE AND ORGANIC VAPOR CARTRIDGE.

Ventilation:LOCAL AND MECHANICAL(GENERAL) EXHAUST TO PROVIDE ADEQUATE VENTILATION. (NONE SPECIFIED BY MANUFACTURER.)

Protective Gloves:RUBBER GLOVES

Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

Other Protective Equipmen

t:WEAR INDUSTRIAL WORK CLOTHING. USE RUBBER APRON OR BOOTS IF NEEDED. HAVE EMERGENCY EYE WASH AND SAFETY SHOWER AVAILABLE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MIST. DO NOT INGEST. READ PRECAUTIONS ON LABEL BEFORE USE.

===== Physical/

Chemical Properties =====

HCC:F2

Boiling Pt:B.P. Text:172F/78C

Vapor Pres:19

Vapor Density:1.6

Spec Gravity:0.86

Evaporation Rate & Reference:NEGLIGIBLE

Solubility in Water:MODERATE

Appearance and Odor:CLEAR PINK COLORED LIQUID, ODOR OF ETHYL ALCOHOL

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ACTIVE METALS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES

OF IGNITION

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:DISPOSAL OF WASTE AND HAZARDOUS MATERIAL SHALL COMPLY WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL PROTECTION AGENCY REGULATIONS. SEND WASTE MATERIAL TO AN APPROVED RECYCLING FACILITY IF FEASIBLE. CITY , STATE AND FEDERAL REGULATIONS MUST BEFOLLOWED.

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.