

PARKE-DAVIS, DIV OF WARNER-LAMBERT CO -- LAVACOL RUBBING ALCOHOL -- 6505-01-195-4472

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

Product ID:LAVACOL RUBBING ALCOHOL

MSDS Date:04/18/1991

FSC:6505

NIIN:01-195-4472

MSDS Number: BQKTN

=== Responsible Party ===

Company Name:PARKE-DAVIS, DIV OF WARNER-LAMBERT CO

Address:201 TABOR RD

City:MORRIS PLAINS

State:NJ

ZIP:07950-2614

Country:US

Info Phone Num:201-540-2000

Emergency Phone Num:201-540-2000

Preparer's Name:MITCH ROSALSKY

CAGE:82559

=== Contractor Identification ===

Company Name:WARNER-LAMBERT CO

Address:201 TABOR ROAD

Box:City:MORRIS PLAINS

State:NJ

ZIP:07950-2614

Country:US

Phone:201-540-2000

CAGE:82559

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

Ingred Name:ETHYL ALCOHOL (ETHANOL)/SPECIALLY DENATURED ETHYL ALCOHOL
(70%)

CAS:64-17-5

RTECS #:KQ6300000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000

PPM; 9293

Ingred Name:ACETONE (SARA III)

CAS:67-64-1

RTECS #:AL3150000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000PPM

ACGIH TLV:750PPM/1000STEL;9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:LD50(ORAL,RAT)7.6ETOH/5.8ACETONE GM/KG

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

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

Health Hazards Acute and Chronic:ACUTE-INHALE:EXPOSURE TO OVER 1000 PPM

MAY CAUSE HEADACHE,DROWSINESS,LASSITUDE,LOSS OF APPETITE,LACK OF CONCENTRATION,IRRITATION OF THROAT.ORAL:CAN CAUSE CNS DEPRESSION,NAUSEA,VOMITING,DIARRHEA,FETAL ALCOHOL SYNDROME IN OFFSPRING.EYES:IRRITATION.SKIN:DEFATTING.CHRONIC-DRYNESS OF SKIN,DERMATITIS & ALCOHOLISM.

Effects of Overexposure:EXPOSURE TO OVER 1000 PPM MAY CAUSE HEADACHE, DROWSINESS, LASSITUDE, LOSS OF APPETITE, LACK OF CONCENTRATION, IRRITATION OF THROAT. ORALLY CAN CAUSE CNS DEPRESSION, NAUSEA,

VOMITING, DIARRHEA. EYE IRRITATION. SKIN DEFATTING.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR IMPAIRED LIVER, KIDNEY OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYE/SKIN:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL:CALL PHYSICIAN.

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

Flash Point Method:CC

Flash Point:70.0F,21.1C

Lower Limits:3.3%

Upper Limits:19%

Extinguishing Media:WATER SPRAY, CO2, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MOD

E.
Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID (CONTAINS 20% OR MORE
ETHYL ALCOHOL).

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES
OF IGNITION. VENTILATE AREA. STOP LEAK IF POSSIBLE. CONTAIN SPILL.
PICK UP LARGE SPILL WITH NON-SPARKING TOOLS; SMALL SPILLS WITH
NON-COMBUSTIBLE ABSORBENT MATERIAL AND PLACE IN SUITABLE
CONTAINER.

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

Handling and Storage Precautions:STORAGE-STORE IN COOL, DRY, WELL
VENTILATED AREA AWAY FROM SOURCES OF IGNITION.FOLLOW INSTRUCTIONS
ON PRODUCT LABELS.

Other Precautions:AVOID BREATHING VAPORS. AVOID EYE OR SKIN CONTACT.
WASH THOROUGHLY BEFORE EATING OR DRINKING. KEEP OUT OF REACH OF
CHILDREN. DO NOT TAKE INTERNALLY. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:NORMALLY NONE NEEDED. WEAR NIOSH
APPROVED

RESPIRATOR WITH ORGANIC FILTER IF TLV IS EXCEEDED.

Ventilation:GENERAL OR LOCAL VENTILATION

Protective Gloves:RUBBER GLOVES IF SKIN CONTACT POSSIBLE.

Eye Protection:SAFETY GOGGLES/FACE SHIELD IF SPLASHING.

Other Protective Equipment:WEAR PROTECTIVE CLOTHING IN CASE OF REPEATED
OR PROLONGED CONTACT. PROVIDE EYE WASH & SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. REMOVE &
LAUNDRY CONTAMINATED CLOTHING.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:=78.3C, 173.F

B.P. Text:173F,78C

Vapor Density:1.6

Spec Gravity:0.86

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR AND COLORLESS LIQUID - ALCOHOL ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES

Stability Condition to Avoid:HEAT, SPARKS, FLAME AND OTHER SOURCES OF

IGNITION. DO NOT SMOKE WHILE USING THE PRODUCT.
Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATION IN A PERMITTED INCINERATOR IS THE PREFERRED DISPOSAL METHOD.

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.