SECTION 1 - PRODUCT IDENTIFICATION AND USE

MANUFACTURER'S NAME: LPS LABORATORIES
ADDRESS (NUMBER STREET): 4647 HUGH HOWELL ROAD
ADDRESS (CITY, STATE, ZIP):
TUCKER, GA 30085-5052
TELEPHONE NUMBER: 770-934-7800
EMERGENCY TELEPHONE NUMBER: 1-800-424-9300 CHEMTREC
OUTSIDE U.S.: (703) 527-3887
TRADE NAME: LPS TAPMATIC EDGE LUBE
CHEMICAL FAMILY: BLENDED COMPOUND
PART NUMBERS: 43200
HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME (49 CFR 172.101):
COMPOUND, BOILER, PRESERVING LIQUID
NMFC 50093 SUB 2 BRL/BXS CL55
TSCA INVENTORY: ALL OF THE INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.

HMIS LABELING:
HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 0

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION
INGREDIENTS                  CAS NUMBERS   %WW   OSHA PEL   TLV     LIMITS
Nonylphenol polyethoxylate   9016-45-9     3-5   N/E        N/E     NONE

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (DEG. F): N.E.

SPECIFIC GRAVITY (H2O=1): .833

VAPOR PRESSURE (MMHG) @ 100 DEG. C: N.E.

PERCENT VOLATILE BY VOLUME (%): 0

VAPOR DENSITY (AIR=1): N.E.

EVAPORATION RATE (WATER=1): NIL

SOLUBILITY IN WATER: SLIGHT

APPEARANCE AND ODOR: OFF-WHITE, YELLOWISH SOLID WITH FATTY ODOR.

SECTION 4 - FIRE AND EXPLOSION HAZARD

FLASH POINT (METHOD USED): 338 DEG. F TCC

FLAMMABLE LIMITS (OF DILUENT):
LEL: N.E.
UEL: N.E.

EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, CARBON DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES:
WATER MAY BE INEFFECTIVE, BUT MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS:
SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED BY FIRE FIGHTERS.

SECTION 5 - HEALTH HAZARD DATA
PRIMARY ROUTE(S) OF ENTRY: INGESTION

HEALTH HAZARD/EFFECTS OF OVER EXPOSURE:

INHALATION: NO EFFECTS KNOWN.

EYES: LIQUID MAY CAUSE TEMPORARY IRRITATION.

SKIN: REPEATED OR PROLONGED CONTACT MAY CAUSE DRYING OF SKIN.

INGESTION:
NOT A LIKELY ROUTE OF EXPOSURE. INGESTION MAY RESULT IN NAUSEA, ABDOMINAL DISCOMFORT, OR DIARRHEA

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN.

CHEMICALS LISTED AS POTENTIAL CARCINOGEN:
NTP: NO
IARC: NO
OSHA: NO

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: MOVE TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT.

EYES:
FLUSH EYES WITH PLENTY OF WATER. IF IRRITATION PERSISTS, CONTACT PHYSICIAN.

SKIN: WASH WITH SOAP AND WATER; APPLY MEDICATED SKIN CREAM.

INGESTION:
GIVE TWO GLASSES OF WATER AND CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING.

SECTION 6 - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: NONE

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS:
THERMAL DECOMPOSITION MAY PRODUCE CARBON MONOXIDE AND CARBON DIOXIDE.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
REMOVE LEAKING CONTAINER AND CONTAIN SPILL. SOAK OR MOP UP WITH ABSORBENT MATERIAL AND DISCARD.

WASTE DISPOSAL METHODS:
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. AVOID LANDFILLING OF LIQUIDS. RECLAIM WHERE POSSIBLE.

RCRA HAZARDOUS WASTE NO.: N.A.

CERCLA REPORTABLE QUANTITY: NONE

SARA TITLE III CHEMICALS: NONE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
PRODUCT SHOULD BE STORED ABOVE 20 DEG. F AND BELOW 120 DEG. F. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED.

VENTILATION: MECHANICAL (GENERAL) IS USUALLY ADEQUATE.

PROTECTIVE GLOVES: AS NEEDED TO PREVENT PROLONGED OR REPEATED CONTACT.

EYE PROTECTION:
SAFETY GOGGLES SHOULD BE WORN IF THERE IS A POSSIBILITY OF SPLASHING.

OTHER PROTECTIVE EQUIPMENT: N.A.

WORK/HYGIENIC PRACTICES:
WASH HANDS WITH SOAP AND WATER AFTER USE AND/OR BEFORE BREAKS, LUNCH AND AT THE END OF WORK PERIODS. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE.

SECTION 9 - PREPARATION DATE OF MSDS
THE FOREGOING TECHNICAL INFORMATION AND RECOMMENDATIONS ARE COMPILED FROM SOURCES THAT ARE BELIEVED TO BE ACCURATE AND RELIABLE. HOWEVER, THEY ARE SUPPLIED WITHOUT WARRANTY OR GUARANTEE OF ANY KIND EITHER EXPRESSED OR IMPLIED. THE PURCHASER IS RESPONSIBLE FOR SELECTING AND DETERMINING THE SUITABILITY OF PRODUCTS FOR PURCHASER’S PARTICULAR NEEDS AND WE DISCLAIM ANY RESPONSIBILITY FOR IMPROPER APPLICATIONS OR MISUSE OF OUR PRODUCTS IN ANY MANNER WHATSOEVER.

JANUARY 31, 2003
FRED FUGITT, TECHNICAL SERVICES CHEMIST
ED WILLIAMS, MANAGER OF RESEARCH AND DEVELOPMENT

FORM #: 2569

LPS LABORATORIES

MSDS LPS EDGE LUBE

ITW

N.E. = NOT ESTABLISHED
N.A. = NOT APPLICABLE