

02/08

ITEM: 2C649 - Fluid Cutting 16 Oz

ORDER: 0029623423

LP NUMBER: U99

MSDS: A5893  
0745693

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - A5893

Associated Grainger Items  
2C649

LPS (R\*)

LPS LABORATORIES

MSDS

MATERIAL SAFETY DATA SHEET

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 AQUACUT CUTTING FLUID

CHEMICAL FAMILY: BLENDED COMPOUND

PART NUMBERS: 01216, 01228, 01205, 01255

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.

HMS LABELING:  
HEALTH: 1  
FLAMMABILITY: 0  
REACTIVITY: 0

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENTS	CAS NUMBERS	% WW	OSHA PEL	ACGIH TLV	OTHER LIMITS
AMINE SALT OF ORGANIC PHOSPHATE ESTER	UNKNOWN	2-4	N.E.	N.E.	NONE

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (F DEG.): 212 DEG. F

SPECIFIC GRAVITY (H2O=1): 1.0

VAPOR PRESSURE (MMHG) @ 100 DEG. F: 18

PERCENT VOLATILE BY VOLUME (%): 95

VAPOR DENSITY (AIR=1): APPROX. 0.6

EVAPORATION RATE (WATER=1): 1

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: CLEAR, TURQUOISE LIQUID WITH CINNAMON ODOR.

SECTION 4 - FIRE AND EXPLOSION HAZARD

FLASH POINT (METHOD USED): NONFLAMMABLE

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

EXTINGUISHING MEDIA: N.A.

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: NONE

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: INHALATION, EYES

HEALTH HAZARD/EFFECTS OF OVER EXPOSURE:

INHALATION: HEADACHE, DIZZINESS, AND NAUSEA.

EYES: LIQUID WILL 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.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: MOVE TO FRESH AIR AND PROVIDE OXYGEN IF BRE

EYES:  
FLUSH EYES WITH PLENTY OF WATER. IF IRRITATION PERSISTS

SKIN: WASH WITH SOAP AND WATER; APPLY MEDICATED SKIN

INGESTION:  
GIVE TWO GLASSES OF WATER AND INDUCE VOMITING IMMEDIATE TO BACK OF VICTIM'S THROAT. NEVER GIVE ANYTHING BY MOUT PERSON.

SECTION 6 - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: NONE

INCOMPATIBILITY (MATERIALS TO AVOID): MAGNESIUM AND STR  
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE UP  
DECOMPOSITION.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SP  
REMOVE LEAKING CONTAINER AND CONTAIN SPILL. SOAK OR MOP  
MATERIAL AND DISCARD.

WASTE DISPOSAL METHODS:  
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDER

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 1  
CONTAINERS CLOSED WHEN NOT IN USE.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: NONE REQUIRED IF GOOD VENTILATI

VENTILATION: LOCAL EXHAUST IS USUALLY ADEQUATE.

PROTECTIVE GLOVES: N.A.

EYE PROTECTION: SAFETY GLASSES.

OTHER PROTECTIVE EQUIPMENT: N.A.

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

SECTION 9 - PREPARATION DATE OF MSD

THE FOREGOING TECHNICAL INFORMATION AND RECOMMENDATIONS  
SOURCES THAT ARE BELIEVED TO BE ACCURATE AND RELIABLE.  
SUPPLIED WITHOUT WARRANTY OR GUARANTEE OF ANY KIND EITH  
IMPLIED. THE PURCHASER IS RESPONSIBLE FOR SELECTING AND  
SUITABILITY OF PRODUCTS FOR PURCHASER'S PARTICULAR NEED  
RESPONSIBILITY FOR IMPROPER APPLICATIONS OR MISUSE OF O  
MANNER WHATSOEVER.

JANUARY 31, 2003

FRED FUGITT, TECHNICAL SERVICES CHEMIST

ED WILLIAMS, MANAGER OF RESEARCH AND DEVELOPMENT

LPS LABORATORIES

ITW

FORM #: 2576

LPS TAPMATIC AQUACUT CUTTING FLUID

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