

***** MATERIAL SAFETY DATA SHEET *****

SL-319

MYERS SUPPLY, INC. 831 THIRD STREET, HOT SPRINGS, AR 71913 (501) 623-7422

EMERGENCY ASSISTANCE

For emergency assistance involving chemicals call CHEM TEL (888) 627-8740

PRODUCT IDENTIFICATION

PRODUCT NAME: MULBERRY MAGIC
IDENTITY: MULTI-PURPOSE CLEANER
CHEMICAL FAMILY: ALKALINE DETERGENT

DATE PREPARED: 01-09-90
DATE REVISED: 09-02-03

HAZARDOUS INGREDIENTS

MATERIAL	CAS #	OSHA PEL	AGCIH TLV	APPROX %
Tetrapotassium Pyrophosphate	7320-34-5	10 mg/M(3)	5 mg/M(3)	
Sodium Hydroxide	01310-73-2	2 mg/M(3)	2 mg/M(3)	
Dodecylbenzenesulfonic Acid	27176-87-0	1 mg/M(3)	None	

HAZARD RATINGS: HAZARD RATING SCALE:
Health: 2 0=Minimal 3=Serious
Fire: 0 1=Slight 4=Severe
Reactivity: 1 Special: none 2=Moderate

PHYSICAL DATA

BOILING POINT, @ 760 mm Hg	> 212 F	SOLUBILITY IN WATER	100%
SPECIFIC GRAVITY @ 77 F	1.041	VAPOR PRESSURE, mm Hg @ 77 F	< 1
VAPOR DENSITY, (AIR=1)	< 1	VOLATILES, BY VOLUME	< 97%
APPEARANCE @ 77 F	CLEAR TURQUOISE BLUE LIQUID	ODOR	LEMON
pH (100%)	13.0	MELTING POINT	< 32 F
EVAPORATION RATE (BUTYL ACETATE=1)	< 1		

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT, TOC,: None to Boil
FLAMMABLE LIMITS IN AIR, % BY VOLUME: Unknown LOWER: Undetermined UPPER: Undetermined
EXTINGUISHING MEDIA: Use Carbon Dioxide or Dry Chemical on small fires. Use foam (alcohol, polymer or ordinary) and water spray for large fires.
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
UNUSUAL FIRE & EXPLOSION HAZARDS: None known to Sunbelt Laboratories.

HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: Eye or Skin contact, Ingestion & Inhalation.

SIGNS AND SYMPTOMS OF EXPOSURE:

ACUTE:

EYES: Immediate burning, extreme irritation.

SKIN: None, except for a slick feel to the affected area. Remove contaminated clothing.

INGESTION: Immediate burning of all tissues contacted by the liquid. Production of gastrointestinal gas.

INHALATION: Immediate burning of all tissue contacted by the liquid.

CHRONIC:

EYES: Can cause permanent damage, including blindness.

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SKIN: Chemical burns and permanent damage to the dermal layers, scarring.
 INGESTION: Erosion of all tissues in the gastrointestinal tract and digestive system that comes in contact with the liquid. Subsequent damage can include perforation of the esophageal or abdominal tissues.
 INHALATION: Can cause permanent damage to tissues that come in contact with the liquid.
 CARCINOGENICITY: This product contains no known carcinogens.
 SIGNS AND SYMPTOMS OF OVEREXPOSURE:
 EYES: Extreme burning of the eyes tissues.
 SKIN: Liquid that touches the skin will produce a slick sensation to the contacted areas.
 INGESTION: Extreme bitter taste.
 INHALATION: Corrosion of all respiratory tract tissues contacted.
 EMERGENCY AND FIRST AID PROCEDURES:
 EYES: Flush with water and seek immediate medical attention from medical doctor or an optometrist.
 SKIN: Flush affected spill area with copious amounts of water until the slick sensation to the skin is removed. Wash contaminated clothing before rewearing.
 INGESTION: DO NOT Induce Vomiting. Consume as much water as possible. Do not substitute fruit juice or a carbonated beverage for water. Immediate medical attention of a physician should be sought. If ingestion occurs a serious condition can develop if a physician is not quickly sought and first aid procedures are not followed.
 INHALATION: Remove to fresh air. If breathing is difficult, immediate medical attention has to be sought.

REACTIVITY DATA

STABILITY (THERMAL, LIGHT, ETC): Stable
 INCOMPATIBILITIES (MATERIALS TO AVOID): Strong acidic solutions and oxidizing compounds.
 Chlorinated and/or fluorinated hydrocarbons, wool and leather.
 HAZARDOUS DECOMPOSITION PRODUCTS: Reaction with various food sugars may form carbon monoxide. Oxides of sulfur and nitrogen. Thermal decomposition will also generate carbon monoxide and carbon dioxide.
 POLYMERIZATION: Will not occur.
 CONDITIONS TO AVOID: Contact with any of the substances listed in the "incompatibles" above.

SPILL, LEAK AND DISPOSAL PROCEDURES

ACTIONS TO TAKE FOR SPILLS OR LEAKS: Wear protective clothing including rubber gloves, rubber boots, and a supplied air respirator if in a confined area, always wear eye protection. For small spills or drips, dilute with plenty of water and flush to sewer. For large spills, contain by diking with soil or other sorbent material and then pump into DOT approved waste containers. Comply with all applicable governmental regulations on spill reporting, and handling and disposal of waste.
 DISPOSAL METHODS: Dispose of contaminated product and materials used for cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper waste disposal procedures.

SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Store in cool dry place away from incompatible materials. Protect from freezing. Wash thoroughly after use. Do not get in eyes, on skin, or on clothing.
 OTHER PRECAUTIONS: Containers, even those that have been emptied, will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full. Do not take internally.

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CONTROL MEASURES

RESPIRATORY PROTECTION: No special protection required if used in normal situations.

VENTILATION: General room ventilation is good.

PROTECTIVE GLOVES: Rubber gloves are recommended.

EYE PROTECTION: Glasses with splash shields, goggles or face shield to prevent eye contact during normal use is recommended.

OTHER PROTECTIVE MEASURES: Good personel hygiene practices. Clean up contaminated equipment and clothing before reuse.

WORK HYGIENIC PRACTICES: Keep off the skin. Keep out of the reach of children.

FOR ADDITIONAL INFORMATION

CONTACT: Technical Director, Sunbelt Laboratories, during business hours, central time; (281) 261-4747.
