

SECTION 1 – MANUFACTURER INFORMATION

MANUF/DIST. Majestic Solutions Distributing Co, Inc.
1310 G. Corporation Pkwy
Raleigh, NC 27610

PREPARER/CONTACT: Jeff Todd – For product information, 919-212-1150

MEDICAL/TRANSPORATION EMERGENCY: INFOTRAC 800-535-5053

TRADE NAME/SYMOYMS: HARD WATER SPOT REMOVER

CHEMICAL NAME/SYNOYMS: NOT APPLICABLE
CHEMICAL FAMILY: NOT APPLICABLE
FORMULA: Proprietary
PRODUCT CODE: NOT APPLICABLE

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM:

Health 2
Fire 0
Reactivity 1
Specific X

HAZARD RATING
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant
X = See Text

SECTION 2 - HAZARDOUS INGREDIENTS

NAMES OF HAZARDOUS INGREDIENTS: See CFR29§1910.1200 (I)-(13) Page 372

CHEMICAL/COMMON NAME	CAS#	PERCENTAGE	PEL-OSHA	TLV-ACGIH
Sulfuric Acid	7664-93-9			
Hydrofluoric Acid	7664-39-3			
Surfactant Blend	Mixture			

THIS PRODUCT DOES NOT CONTAIN CARCINOGENS: (NTP, IARC, OSHA)

SECTION 3 – HEALTH HAZARD DATA

HEALTH EFFECTS (Acute and Chronic):

- *Acute*
- a) Eyes – Flush with lots of running water for at least 15 minutes. Lift upper and lower eyelid. Get medical attention.
 - b) Skin – Immediately flush with lots of running water. Remove contaminated clothing. Get medical attention.
 - c) Inhalation – If affected remove to fresh air. If breathing difficult administer oxygen. Keep person warm and quiet get medical attention.
 - d) Ingestion – Can cause gastro-intestinal irritation, nausea, vomiting, and diarrhea.
- *Chronic*
- a) Inhalation may increase susceptibility to respiratory illness.

PRIMARY ROUTES OF ENTRY: a) Skin b) Inhalation

MEDICAL CONDITONS AGGRAVATED BY EXPOSURE: Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to product.

EMERGENCY FIRST AID PROCEDURES:

- A) Skin – Immediately flush skin with lots of running water for at least 30 minutes. Remove contaminated clothing and shoes. Wash before reuse.
- B) Eyes – Flush immediately with large quantities of water for at least 15 minutes. Consult physician.
- C) Inhalation – If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. If breathing is difficult, administer oxygen. Keep person warm, quiet and get medical attention.
- D) Ingestion – Do not induce vomiting. Call physician immediately. If conscious give lots of water or milk. Do not give anything by mouth to an unconscious or convulsing person.

SECTION 4 – CHEMICAL DATA

BOILING POINT (F): 214	SPECIFIC GRAVITY (WATER=1) 1.043
VAPOR PRESSURE (mmHg) < 20	PERCENT VOLATILE BY VOLUME (%)
VAPOR DENSITY (AIR = 1) < 1	EVAPORATION RATE (WATER = 1)

Slower

SOLUBILITY IN WATER: Soluble

APPEARANCE/ODOR: Violet liquid with pleasant odor.

SECTION 5 – FIRE + PHYSICAL HAZARD DATA

FLASH POINT (Method Used): 200 F - PMCC FLAMMABLE LIMITS: LEL=N/A UEL=N/A

AUTO-IGNITION: N/A

EXTINGUISHING MEDIA: Not a fire hazard. Use extinguishing media appropriate for surrounding fires.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full facepiece operate in the positive pressure demand mode when fighting fires. Keep containers cool with water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may rupture due to build up of pressure when exposed to extreme heat causing slippery conditions.

INCOMPATIBILITY: (Material To Avoid): Avoid contact with strong oxidizing agents and strong alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and traces of hydrocarbon.

HAZARDOUS POLYMERIZATION WILL NOT OCCUR

THIS PRODUCT IS STABLE

SECTION 6 – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Absorb the large spill on suitable absorbable. Wash the residue down the drain or pit with plenty of water. Small spills can be flushed down the drain with plenty of water.

WASTE DISPOSAL METHODS: Dispose of according to local, state and federal regulations.

SECTION 7 – EXPOSURE CONTROL INFORMATION

VENTILATION:

LOCAL EXHAUST: Below TLV(s)

MECHANICAL (General): Recommended

SPECIAL: N/A

OTHER: N/A

RESPIRATORY PROTECTION: An appropriate NIOSH approved hydrocarbon canister or respirator for organic vapor should be worn if needed.

PROTECTIVE GLOVES: Wear resistant gloves such as nitrile, rubber, PVC, etc.

OTHER PROTECTIVE EQUIPMENT: Eye wash and quick drench facilities.

OTHER ENGINEERING CONTROLS: None Known

WORK PRACTICES: Eye wash fountain and safety shower should be easily accessible. Discard properly such items as rags and trash soaked with the product. Provide adequate ventilation.

HYGIENIC PRACTICES: Avoid contact with eyes, skin, and clothing. Avoid inhalation of product vapors. Wash thoroughly after handling and before eating, drinking or smoking. Remove contaminated clothing promptly and wash thoroughly before reused.

SECTION 8 – SPECIAL PRECAUTION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

- A) Do not store near acids or acidic materials and oxidizers.
- B) Do not store under freezing conditions or above 120 degrees F.
- C) Protect from physical damage and keep tightly closed.

MAINTENANCE PRECAUTIONS:

When working with FLAMMABLE material electrically ground all equipment and use only non-sparking tools.

OTHER PRECAUTIONS:

Containers, even those that have been emptied will retain product residue and vapors. Always obey hazard warnings.

Secondary containers and shipping papers should show the following cautions:

Corrosive Liquids, Poisonous, N.O.S, (Hydrofluoric Acid and Sulfuric Acid) 8.

KEEP OUT OF REACH OF CHILDREN!