

**SECTION 1: IDENTIFICATION**

**Product Name: Triple M Water Spot Remover**

Product Use: Automotive Detailing

**Manufacturer/Supplier:**

Martin Distributors Auto Wax & Polish Inc.

12701 Van Nuys Blvd Ste O

Pacoima, CA 91331

Telephone Number: 818 897-8900

FAX Number: 818-897-9288

E-mail: autowax@gmail.com

**SECTION 2: HAZARD(S) IDENTIFICATION**

GHS Classification:

Health Environmental

Physical

Eye Effects – Category 1 (Serious eye damage) Skin  
Corrosion – Category 1A  
Acute Toxicity – Cat 3 (oral )  
Cat 3 (inhalation)  
Cat 3 (dermal) Skin Sensitization – N/A  
Mutagenicity – N/A Carcinogenicity- Category 1A  
Reproductive/Developmental- N/A Target Organ Toxicity  
– N/A Toxicity – N/A  
Aspiration Hazard – N/A Environmental Hazards – N/A  
Hazardous to the aquatic environment – cat 3

Flammable Liquid – N/A Explosives – N/A Flammable  
Gases – N/A Flammable Aerosols – N/A Oxidizing Gases  
– N/A Gases Under Pressure – N/A Flammable Solid – N/  
A  
Self-reactive substances – N/A Pyrophoric solids – N/A  
Self-Heating substances – N/A Oxidizing Liquids – N/A  
Oxidizing Solids – N/A Organic Peroxides – N/A  
Corrosive to Metal – N/A  
Substances which, in contact with water emit flammable  
gasses – N/A

Hazard Statements

**DANGER!**

H290 May be corrosive to metals H301 Toxic if swallowed.  
H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage.  
H331 Toxic if inhaled. H350 May cause cancer

Precautionary Statements

General:

P101 If medical advice is needed, have product or label at hand. P102 Keep out of reach of children  
P103 Read label before use. Prevention:  
234 Keep only in original containers.  
P261 Avoid breathing dust/fume/mist/vapors/spray. P262 Do not get in eyes, on skin, or on clothing.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in well-ventilated area.  
P280 Wear Protective gloves/protective clothing/eye protection/face protection.

Response:

P301+P310+P330 If SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth.

P301 + P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340+P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor / physician.

P363 Wash contaminated clothing before reuse. P390 Absorb

spillage to prevent material damage. Storage:

P403 Store in a well-ventilated place.  
P405 Store locked up. Keep container tightly closed. P406 Store in corrosive resistant container.

Disposal:

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

| <u>Component</u>           | <u>CAS Number</u> |      | <u>Weight %</u> |
|----------------------------|-------------------|------|-----------------|
| Sulfuric Acid              | 7664-93-9         | ≤ 5  |                 |
| Ethylene Glycol Butyl      | 111-76-2          | ≤ 20 |                 |
| Ammonium hydrogen Fluoride | 1341-49-7         | ≤ 2  |                 |
| Dodecylbenzen              | 27176-87-0        | ≤ 25 |                 |

**SECTION 4: FIRST AID MEASURES**

Eye Contact: Flush immediately with large amounts of clean water for at least 15 minutes; Eyelids should be held away from the eyeball to ensure thorough rinsing. If any irritation persists, seek medical attention.

Skin Contact: Rinse area with soap and water. Seek medical attention if any redness or irritation persists. Take off immediately all contaminated clothing.

Inhalation: If breathing is difficult or irritating, move to fresh air immediately. If symptoms persist, get medical attention.

Ingestion: Rinse mouth. Get immediate medical attention. Give 1% solution in physiological serum (10mL of calcium gluconate 10% in 90 ml of physiological serum. Do not induce vomiting unless directed by medical personnel.

### **SECTION 5: FIRE FIGHTING MEASURES**

Suitable Extinguishing Media: Use dry chemical, foam, or carbon dioxide to extinguish fire. Water may be ineffective but should be used to cool fire-exposed containers, structures and to protect personnel. Use water to dilute spills and to flush them away from sources of ignition.

Fire Fighting Procedures: No special protective action for fire fighters are anticipated.

Unusual Fire and Explosion: Fire or excessive heat may produce hazardous decomposition production.

Combustion Products: Sulfur containing gases.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

Exposure to the spilled material may be severely irritating or toxic. Follow personal protective equipment recommendations found in Section 8 of this SDS. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in sealed container pending a waste disposal evaluation. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Use appropriate personal protective equipment as stated in Section 8 of this SDS. Advise the environmental protection agency (EPA) and appropriate state agencies, if required. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Vacuum or sweep up material and place in a disposal container.

### **SECTION 7: HANDLING AND STORAGE**

Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fumes/gas/mist/vapors/spray. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required.

Storage: Store locked up. Keep container tightly closed in a cool, well-ventilated place.

Storage Code: White – Corrosive. Separate acids from bases; separate oxidizer acids from organic acids.

### **SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION**

Exposure Limits: Ammonium hydrogen Fluoride 1341-49-7  
No specific TLV TEL has been set.

Sulfuric Acid 7664-93-9  
PEL (OSHA) 1 mg/m<sup>3</sup>, 8 Hr. TWA  
TLV (ACGIH) 1.2 mg/m<sup>3</sup>, 8 Hr. TWA

A2 (Sulfuric Acid Contained in strong inorganic acid mists)

Ethylene Glycol Monobutyl 111-76-2

Engineering Controls: Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

Personal Protective Equipment (PPE): Lab coat, apron, gloves, goggles, eye wash, safety shower.

Respiratory Protection: Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.

Respirator Type(s): None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

Eye Protection: Wear chemical splash goggles when handling this product. Have an eye wash station available.

Skin Protection: Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves: Natural Latex, Neoprene, Nitrile, Butyl rubber.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

|                            |                         |                             |                   |
|----------------------------|-------------------------|-----------------------------|-------------------|
| Flashpoint:                | Not available           | Lower Flammability Limit:   | No data available |
| Auto-ignition Temperature: | Not available           | Upper Flammability Limit:   | No data available |
| Boiling Point:             | 100°C                   | Volatile Organic Compound:  | N/A               |
| Melting Point:             | No data available       | Volatile Organic Compound:  | N/A               |
| Vapor Pressure:            | <0.3 mm Hg @ 25°C       | Evaporation Rate (Water=1): | No data available |
| Vapor Density (Air = 1):   | 3.4                     | Viscosity:                  | Not available     |
| Solubility:                | Yes, water 100%         | pH:                         | 3 - 4             |
| Pour Point:                | Not available           | Molecular Weight:           | Mixture           |
| Molecular Formula:         | Mixture                 | Spec. Grav. / Density:      | 8.805 lbs. /gal.  |
| Odor/Appearance:           | Pungent acidic / Liquid |                             |                   |

## **SECTION 10: STABILITY AND REACTIVITY**

|                                     |   |
|-------------------------------------|---|
| Reactivity:                         | This material may be reactive with certain agents under certain conditions.                       |
| Chemical Stability:                 | Stable under normal conditions.   |
| Possibility of hazardous reactions: | Hazardous polymerization will not occur.  |
| Conditions to avoid:                | Contact with water. Reaction with water is exothermic.  |
| Incompatible materials:             | Water-reactive materials, water, organic compounds, strong reducing agents, Acetaldehydes, Amines |
| Hazardous Decomposition:            | None know.  |

## **SECTION 11: TOXICOLOGICAL INFORMATION**

Signs and Systems of Exposure: Based on the test data and/or information on the components, this material may produce the following health effects:

Inhalation: Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin Contact: Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness. Allergic Skin Reaction (non-photo induced) in sensitive people: Signs/symptoms may include redness, swelling, blistering, and itching.

Eye Contact: Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion: Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Target Organ Effects: Allergic Skin Reaction (non-photo induced) in sensitive people. Signs/symptoms may include redness, swelling, blistering, and itching.

Toxicological Data: If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

### Acute Toxicity

| Name                       | Route      | Species    | Value                     |
|----------------------------|------------|------------|---------------------------|
| Sulfuric Acid              | Oral       | Rat        | LD 50 2,140 mg/kg         |
| Sulfuric Acid              | Inhalation | Guinea Pig | LC 50 30mg/m <sup>3</sup> |
| Sulfuric Acid              | Dermal     | -          | Not available             |
| Ammonium hydrogen Fluoride | Oral       | Rat        | LD 50 60 – 130 mg/kg      |
| Ammonium hydrogen Fluoride | Inhalation | -          | Not available             |
| Ammonium hydrogen Fluoride | Dermal     | -          | Not available             |
| Ethylene Glycol Butyl      | Oral       | Guinea pig | LD 50 1,200 mg/kg         |
| Ethylene Glycol Butyl      | Inhalation | Guinea pig | LD 50 >633ppm, 1h.        |
| Ethylene Glycol Butyl      | Dermal     | Guinea pig | LD 50 >2,000 mg/kg        |
| Dodecylbenzen              | Oral       | Rabbit     | LD 50: 1407 mg/kg         |
| Dodecylbenzen              | Inhalation | -          | No data available         |

|               |        |   |                   |
|---------------|--------|---|-------------------|
| Dodecylbenzen | Dermal | - | No data available |
|---------------|--------|---|-------------------|

Skin Corrosion/Irritation

| Name | Route | Species | Value |
|------|-------|---------|-------|
|------|-------|---------|-------|

Serious Eye Damage/Irritation

| Name | Route | Species | Value |
|------|-------|---------|-------|
|------|-------|---------|-------|

Skin Sensitization

| Name | Route | Species | Value |
|------|-------|---------|-------|
|------|-------|---------|-------|

Respiratory Sensitization

| Name | Route | Species | Value |
|------|-------|---------|-------|
|------|-------|---------|-------|

Germ Cell Mutagenicity

| Name | Route | Species | Value |
|------|-------|---------|-------|
|------|-------|---------|-------|

Carcinogenicity

| Name | Route | Species | Value |
|------|-------|---------|-------|
|------|-------|---------|-------|

Reproductive Toxicity

Reproductive and/or Developmental Effects

| Name | Route | Species | Value |
|------|-------|---------|-------|
|------|-------|---------|-------|

Target Organ (s)

Specific Target Organ Toxicity – Single Exposure

| Name | Route | Species | Value |
|------|-------|---------|-------|
|------|-------|---------|-------|

Specific Target Organ Toxicity – repeated exposure

| Name                       | Route | Species | Value   |
|----------------------------|-------|---------|---|
| Ammonium hydrogen Fluoride | Oral  | Rat     | Liver, Testes, skeleton, thyroid, NOEL: 1 mg/kg |

Aspiration Hazard

| Name | Route | Species | Value |
|------|-------|---------|-------|
|------|-------|---------|-------|

**SECTION 12: ECOLOGICAL INFORMATION**

Overview: Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.

Mobility: This material is expected to have high mobility in soil. It absorbs weakly to most soil types.

Persistence: Biodegradation, adsorption to sediment, and bio-concentration to aquatic organisms should not be significant.

Bioaccumulation: Bioconcentration is not expected to occur.

Degradability: Does not biodegrade readily.

Other Adverse Effect: No Data

| <u>Chemical Nam</u> | <u>CAS #</u> | <u>ECO Toxicity</u>   |
|---------------------|--------------|---|
| Sulfuric Acid       | 7664-93-9    | 96 HR LC50 BRACHYDANIO RERIO> 500MG/L<br>24 HR EC50 DAPHNIA MAGNA 29 MG/L |

**SECTION 13: DISPOSAL CONSIDERATIONS**

Disposal Methods: Dispose of in accordance with local, state, and federal regulations. Always contact a permitted waste disposer TSD to assure compliance.

Waste Disposal Code(s): If discarded, this product is considered a RCRA corrosive waste, D002.

**SECTION 14: TRANSPORT INFORMATION**

Because this is produced and shipped in several different sizes as well as domestically and internationally, please consult your transportation specialist for the proper shipping name and class.

**SECTION 15: REGULATORY INFORMATION**

Hazard Categories:

Fire Hazard – No, Pressure Hazard – No, Reactivity Hazard – No, Immediate Hazard – Yes, Delayed Hazard – Yes

**SECTION 16: OTHER INFORMATION**

NFPA Hazardous Classification

Health: 3      Flammability: 0      Instability: 0      Special Hazard: None

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