

SAFETY DATASHEET

MARINE AND BOAT HEAVY DUTY WATER SPOT REMOVER GEL

Date of First revision: 02/07/2018

Date of last revision: 04/14/2019

Version: 3 - (Reg. 29CFR, 1910.1200/REG_GHS Rev. 5th e.2013)

SECTION 1: IDENTIFICATION

Product name: Chemical Guys MBW103 MARINE AND BOAT HEAVY DUTY WATER SPOT REMOVER GEL

Part Number(s): MBW103,MBW10304,MBW10316

Product Use: Automotive Detailing

Manufacturer / supplier's details:

Chemical Guys

14108 S. Western Ave.

Gardena CA 90249

Telephone Number: 866-822-3670

Fax number: 310-988-1061

E-mail: info@ChemicalGuys.com

Web: www.ChemicalGuys.com .

SECTION 2: HAZARDS IDENTIFICATION

Note: This product is a consumer product and is labeled in accordance with the Consumer Product Safety Commission regulations and not OSHA regulations. The requirements for the labeling of consumer products take precedence over OSHA labeling so the actual product label will not contain the OSHA label elements shown below on this SDS.

Signal word, hazard statements(s), symbol(s) and precautionary statements in accordance with 29 CFR 1910.12.00(f) and GHS Rev.5th e.2013:

GHS Classification:

Physical:	Health:
Corrosive to metals: Category 1	Serious eye damage, Category 1

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	Skin Corrosion, Category 1A

GHS label elements:

	<u>Precautionary Statements</u>
<u>Hazard Statements</u>	
DANGER!	
H290 May be corrosive to metals	<u>General:</u>
H300 Fatal if swallowed	P101 If medical advice is needed, have product or label at hand.
H312 Harmful in contact with skin	P102 Keep out of reach of children
H318 Causes serious eye damage.	P103 Read label before use.
	<u>Prevention:</u>
	P201 Obtain special instructions before use.
	P202 Do not handle until all safety precautions have been read and understood
	P 233 Keep container tightly closed.
	P261 Avoid breathing mist, vapors, spray.
	P264 Wash thoroughly after handling.
	P271 use only outdoors or in well-ventilated area.
	P280 Wear protective gloves/protective clothing/eye protection/face protection.
	<u>Response:</u>
	P301 IF SWALLOWED: Immediately call poison control or doctor. Rinse mouth. Do NOT induce vomiting.

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P304 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P303 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse cautiously with water for several minutes.

P305 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell.

P308 IF exposed or concerned: Immediately call poison control or doctor.

Storage:

P403 Store in a well-ventilated place.

P405 Store locked up. Keep container tightly closed.

Disposal:

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

Hazard not otherwise specified: None

Percentage of unknown toxicity: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount % By Weight
Water	7732-18-5	≤ 79
Sulfuric Acid	7664-93-9	<1.5
Ammonium Bifluoride	1341-49-7	≤ 1.5
Ethylene Glycol Butyl	111-76-2	< 2
Sodium (c10-16) benzenesulfonate	68081-81-2	< 15
Colorant	72243-90-4	< 0.001

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* The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

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: Immediately take off all contaminated clothing. Rinse area with soap and water. Seek medical attention if any redness or irritation persists.

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. 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 is anticipated.

Unusual Fire and Explosion: Not Applicable

Combustion Products: Not Applicable

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SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency

Procedures: Wear appropriate protective clothing and equipment as described in Section 8.

Environmental Precautions: Report spill as required by local and national regulations. Prevent entry in storm sewers and waterways.

Methods and Materials for Containment / Cleanup: Absorb with an inert material. Collect into a suitable container for disposal. Rinse area with water.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes. Avoid contact with skin and clothing. Avoid breathing vapors or mist. Use only with appropriate protective equipment. Launder contaminated clothing before re-use.

Empty containers retain product residue and may be hazardous. Do not cut, weld, drill, etc. containers even empty. Do not reuse empty containers.

Conditions for Safe Storage, Including Any Incompatibilities: Keep container tightly closed in a cool, dry area. Do not store below 32 degrees F or above 100 degrees F. Do not store in direct sunlight. Keep away from children.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

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Ingredients with workplace control parameters:

Exposure Limits: Ethylene Glycol Mono butyl 111-76-2

ACGIH	Time weighted average	20 ppm
NIOSH	Recommended exposure limit (REL)	5 ppm
NIOSH	Recommended exposure limit (REL)	24 mg/m ³
OSHA Z1	Permissible exposure limit	50 ppm
OSHA Z1	Permissible exposure limit	240 mg/m ³

Ammonium Bifluoride 1341-49-7 No Specific TLV TEL has been set.

Sulfuric Acid 7664-93-9

ACGIH	TLV	1.2 mg/m ³ , 8hr. TWA
OSHA Z1	Permissible exposure limit	1 mg/m ³ , 8Hr. TWA

Appropriate Engineering Controls:

General ventilation should be adequate for all normal use.

Personal Protective Equipment

Respiratory protection:

Good general ventilation (equivalent to outdoors) should be adequate under normal conditions.

Hand protection Material:

Impervious gloves such as rubber, neoprene or nitrile are recommended for prolonged or repeated contact.

Remarks:

None

Eye protection:

Safety glasses or goggles are recommended if eye contact is possible.

Skin and body protection:

Not required.

Hygiene measures:

Ensure that eye flushing systems and safety showers are located close to the working place. When using don't eat, drink. Wash hands after use.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/odor: Liquid with mild fresh scent	Odor Threshold: Not available
Physical State: Liquid	Specific Gravity/ Density: 8.403 Lbs. / Ga/l.
pH: ~5	Vapor Pressure: Not determined
Initial Boiling Point: $\geq 95^{\circ} \text{C}$	Vapor Density: Not determined
Melting/Freezing Point: Not determined	Percent Volatile: $\geq 89\%$
Solubility In Water: Complete	Evaporation Rate: Not determined
Viscosity: ~ 0.68 cSt @ 100 ° F	VOC Content: Not available
Relative Density: ~ 1.0	Auto ignition Temp: Will not auto ignite
Coefficient of Water/oil Distribution: Not determined	Flammability Limits: LEL: Not Applicable UEL: Not Applicable
Flash Point: None	Flammability : Not flammable

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SECTION 10: STABILITY AND REACTIVIT

Reactivity:	Not normally reactive
Chemical Stability:	Stable under normal storage and handling conditions.
Possibility of Hazardous Reactions:	Will react with acids and strong oxidizing agents.
Conditions to avoid:	None know.
Incompatible materials:	Strong acids and oxidizers.
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: Allergic Skin Reaction (non-photo induced) in sensitive people: Signs/symptoms may include redness, swelling, blistering, and itching.

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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 is available for that endpoint or the data is 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 ³
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
Sodium (c10-16) benzenesulfonate	Oral	Rabbit	LD 50: 1407 mg/kg
Sodium (c10-16) benzenesulfonate	Inhalation	-	No data available
Sodium (c10-16) benzenesulfonate	Dermal	-	No data available

SECTION 12: ECOLOGICAL INFORMATION

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Eco toxicity:	No data available
Persistence and degradability:	No data available
Bio accumulative potential:	No data available
Mobility in soil:	No data available
Other adverse effects:	Ozone-Depletion Potential: Regulation 40 CFR Protection of Environment; Part 82 protection of stratospheric ozone – CAA section 602 Class I substances. Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR part 82).
Additional ecological information:	No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:

Dispose of contents/container in accordance with the local/ regional/ national/ international regulations. Do not contaminate any lakes, streams, ponds, or underground water supplies.

Empty container warning:

Empty container warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with government regulations. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition.

SECTION 14: TRANSPORT INFORMATION

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DOT Hazardous Materials Descriptions:	Non-hazardous substance
UN Number:	2586
Transport hazard class:	8
Environmental hazard (e.g., Marine pollutant):	Not determined
Special precautions for user:	Not determined
Transport in bulk:	Not determined

IATA (International Air Transport):

UN Number: 2586

Transport Hazard class: 8

Packaging group: III

Environmental hazard: No

ERG Code: 8L

IMDG:

UN Number: 2586

Transport Hazard class: 8

Packaging group: III

Environmental hazard: No

EmS: F-A, S-B

SECTION 15: REGULATORY INFORMATION

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Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312: Immediate Hazard: yes, Delayed Hazard: No, Fire Hazard: No, Pressure Hazard: No, Reactivity Hazard: No.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313 This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

CERLA Hazardous Substance List (40 CFR 707, Sub-pt. D)

Sulfuric Acid (CAS 7664-93-9) - Listed

United States TSCA Inventory (TSCA) All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory and are not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001.1050): Not listed

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not Regulated

Clean Air Act (CAA) Section (r) Accidental Release Prevention (40 CFR 68.130):

Sulfuric Acid (CAS 7664-93-9)

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Safe Drinking Water Act: Not regulated

US State Regulations

California Prop. 65 This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

California. Candidate Chemical List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3 subd. (a))

Sulfuric Acid (CAS 7664-93-9)

Massachusetts RTK – Substance List

Sulfuric Acid (CAS 7664-93-9)

New Jersey Worker and community Right-to-Know Act

Sulfuric Acid (CAS 7664-93-9)

Pennsylvania Worker and community Right-to-Know Act

Sulfuric Acid (CAS 7664-93-9)

Rhode Island RTK

Sulfuric Acid (CAS 7664-93-9)

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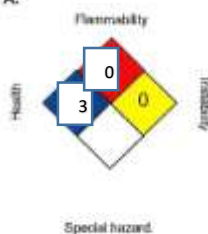
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SECTION 16: OTHER INFORMATION

Further information

NFPA:



HMIS® IV:

HEALTH	*	3
FLAMMABILITY		0
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "0" represents the absence of a chronic hazard.

Sources of key data used to compile the SDS: Internal technical data, data from raw material SDS's, OECD eChem Portal search results and European Chemicals Agency.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.