

**SAFETY DATASHEET**  
**BUG AND TAR REMOVER HEAVY DUTY CAR WASH**

Date of First revision: 02/07/2018  
Date of last revision: 04/14/2019  
Version: 3 - (Reg. 29CFR, 1910.1200/REG\_GHS Rev. 5<sup>th</sup> e.2013)

**SECTION 1: IDENTIFICATION**

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**Product name:** Chemical Guys CWS104 Bug And Tar Remover Heavy Duty Car Wash

**Part numbers:** CWS104,CWS\_104,CWS\_104\_04,CWS\_104\_16,CWS\_104\_64

**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](mailto:info@ChemicalGuys.com)

Web: [www.ChemicalGuys.com](http://www.ChemicalGuys.com) .

**SECTION 2: HAZARDS IDENTIFICATION**

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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.5<sup>th</sup> e.2013:

**GHS Classification:**


<b>Physical:</b>	<b>Health:</b>
Non-Hazardous	Eye Irritation Category 2A (Irritant)
	Skin Corrosion Category 3 (Mild Irritation)

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	Acute Toxicity – Category 5 (Oral) – Category 5 (dermal)
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**GHS label elements:**

 <u>Hazard Statements</u> <b>WARNING!</b>  H303 May be harmful if swallowed. H313 May be harmful in contact with skin. H319 Causes serious eye irritation.	<p style="text-align: right;"><u>Precautionary Statements</u></p> <p><b>General:</b>                  P101 If medical advice is needed, have product or label at hand.                  P102 Keep out of reach of children                  P103 Read label before use.</p> <p><b>Prevention:</b>                  P280 Wear protective gloves/eye protection/face protection.                  P264 Wash thoroughly after handling.</p> <p><b>Response:</b>                  P301 + 312 <b>IF SWALLOWED:</b> Call a POISON CONTROL CENTER or doctor/physician if you feel unwell.                  P305 + P351 +P338 <b>IF IN EYES:</b> Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.                  P337+313 If eye irritation persists get medical advice/attention.</p> <p><b>Storage:</b>                  N/A</p> <p><b>Disposal:</b>                  P501 Dispose of contents/container in accordance with local/regional/national/international regulations.</p>
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**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	≤ 85
Sodium Metasilicate Penta	6834-92-0	≤ 6
Sodium Hydroxide	1310-73-2	≤ 0.009
Sodium (c10-16) benzenesulfonate	68081-81-2	≤10
Ethylene Glycol Butyl	111-76-2	≤ 0.5
Fragrance	8000-34-8	≤ 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**

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**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

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

**Ingestion:** Get immediate medical attention. Do not induce vomiting unless directed by medical personnel.

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

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**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

#### **SECTION 6: Accidental Release Measures**

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**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.

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**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.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines:**

Component	CAS No.	Exposure Limit
Non-Hazardous Mixture	Not applicable	None Established

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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 <sup>3</sup>
OSHA Z1	Permissible exposure limit	50 ppm
OSHA Z1	Permissible exposure limit	240 mg/m <sup>3</sup>

**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:** Not normally required. 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**

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<b>Appearance/odor:</b> Liquid with mild fresh scent	<b>Odor Threshold:</b> Not available
<b>Physical State:</b> Liquid	<b>Specific Gravity/ Density:</b> 8.403 Lbs. / Ga/l.
<b>pH:</b> ~10	<b>Vapor Pressure:</b> Not determined
<b>Initial Boiling Point:</b> ≥ 95° C	<b>Vapor Density:</b> Not determined
<b>Melting/Freezing Point:</b> Not determined	<b>Percent Volatile:</b> ≥ 89%
<b>Solubility In Water:</b> Complete	<b>Evaporation Rate:</b> Not determined
<b>Viscosity:</b> ~ 0.68 cSt @ 100 ° F	<b>VOC Content:</b> Not available
<b>Relative Density:</b> ~ 1.0	<b>Auto ignition Temp:</b> Will not auto ignite
<b>Coefficient of Water/oil Distribution:</b> Not determined	<b>Flammability Limits:</b> LEL: Not Applicable UEL: Not Applicable
<b>Flash Point:</b> None	<b>Flammability :</b> Not flammable

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**SECTION 10: STABILITY AND REACTIVIT**

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<b>Reactivity:</b>	Not normally reactive
<b>Chemical Stability:</b>	Stable under normal storage and handling conditions.
<b>Possibility of Hazardous Reactions:</b>	Will react with acids and strong oxidizing agents.
<b>Conditions to avoid:</b>	None know.
<b>Incompatible materials:</b>	Strong acids and oxidizers.
<b>Hazardous Decomposition:</b>	None Know.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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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:** None

**Skin Contact: 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.

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**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
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
Ethelyne Glycol	Oral	Guinea pig	LD 50 1,200 mg/kg
Ethelyne Glycol	Inhalation	Guinea pig	LD 50 >633ppm, 1h.
Ethelyne Glycol	Dermal	Guinea pig	LD 50 >2,000 mg/kg
Sodium Metasilicate Pentahyd	Oral	Rat	LD 50 1153 mg/kg
Sodium Metasilicate Pentahyd	Inhalation	-	No data available
Sodium Metasilicate Pentahyd	Dermal	-	No data available
Sodium Hydroxide	Oral	Rabbit	LD Lo Rabbit: 500 mg/k
Sodium Hydroxide	Inhalation	-	No data available
Sodium Hydroxide	Dermal	Rabbit	LD 50 Rabbit: 1,350 mg



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**SECTION 12: ECOLOGICAL INFORMATION**

<b>Eco toxicity:</b>	No data available
<b>Persistence and degradability:</b>	No data available
<b>Bio accumulative potential:</b>	No data available
<b>Mobility in soil:</b>	No data available
<b>Other adverse effects:</b>	Ozone-Depletion Potential: Regulation 40 CFR Protection of Environment; Part 82 protection of stratospheric ozone – CAA section 602 Class I substances. <b>Remarks:</b> 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).
<b>Additional ecological information:</b>	No data available.

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**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. Don not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition.

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**SECTION 14: TRANSPORT INFORMATION**

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<b>DOT Hazardous Materials Descriptions:</b>	Non-hazardous substance
<b>UN Number:</b>	Not applicable
<b>NA Number:</b>	NA1760 (Cleaning Liquid)
<b>Transport hazard class:</b>	8
<b>Environmental hazard (e.g., Marine pollutant):</b>	Not determined
<b>Special precautions for user:</b>	Not determined
<b>Transport in bulk:</b>	Not determined
<b>IATA (International Air Transport):</b>	Not Regulated
<b>Canadian TDG Hazardous Materials Description:</b>	Not Regulated
<b>IMDG-Code (Dangerous Goods Description):</b>	Not Regulated

**SECTION 15: REGULATORY INFORMATION**

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**United States:**

**EPA TSCA INVENTORY:** All of the components of this material are listed on the Toxic Substances Control Act Chemical Substance inventory.

**CERCLA Section 103:** This product has no RQ. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**SARA 313:** 2-butoxy ethanol 111-76-2

**SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**Clean Air Act:** This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean air act section 12(40 CFR61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for accidental release prevention (40 CFR 68.130, subpart F). The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCOMI Intermediate or final VOC's (40 CFR 60.489):

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**Clean Water Act:** This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A

This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, section 311, Table 117.3

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

**US State Regulations**

**Massachusetts Right To Know**

Ethylene Glycol Butyl      111-76-2      ≤ 0.5%

**Pennsylvania Right To Know**

Ethylene Glycol Butyl      111-76-2      ≤ 0.5%

**New Jersey Right To Know**

Ethylene Glycol Butyl      111-76-2      ≤ 0.5%

**California Prop 65**

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

**Canada**

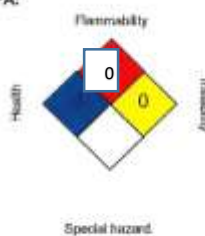
**Canadian Environmental Protection Act:** All of the ingredients are listed on the Canadian DSL or the NDSL.

**SECTION 16: OTHER INFORMATION**

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Further information

NFPA:



HMIS® IV:

HEALTH	*	2
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.

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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.