

SAFETY DATA SHEET

SECTION 1: IDENTIFICATIONProduct Name: **CHEMICAL GUYS CWS 201 Microfiber Wash**

Product Use: Automotive Detailing

Manufacturer/Supplier:

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: HAZARD(S) IDENTIFICATION

GHS Classification:

Health EnvironmentalPhysical

Eye Effects – Category 2A (Irritant)	Flammable Liquid – N/A
Skin Corrosion – Category 3 (Mild Irritation)	Explosives – N/A
Acute Toxicity – Category 5 (Oral)	Flammable Gases – N/A
N/A (inhalation),	Flammable Aerosols – N/A
N/A (dermal)	Oxidizing Gases – N/A
Skin Sensitization – N/A	Gases Under Pressure – N/A
Mutagenicity – N/A	Flammable Solid – N/A
Carcinogenicity- N/A	Self-reactive substances – N/A
Reproductive/Developmental- N/A	Pyrophoric solids – N/A
Target Organ Toxicity – N/A	Self-Heating substances – N/A
Toxicity – N/A	Oxidizing Liquids – N/A
Aspiration Hazard – N/A	Oxidizing Solids – N/A
Environmental Hazards – N/A	Organic Peroxides – N/A
Hazardous to the aquatic environment – N/A	Corrosive to Metal – N/A
	Substances which, in contact with water emit flammable gasses – N/A

Precautionary Statements**General:**

P101 If medical advice is needed, have product or label at hand.

P102 Keep out of reach of children



Hazard Statements

WARNING!

H303 May be harmful if swallowed.
 H313 May be harmful in contact with skin.
 H319 Causes serious eye irritation.
 H333 May be harmful if inhaled.

P103 Read label before use.

Prevention:

P280 Wear protective gloves/eye protection/face protection.

P264 Wash thoroughly after handling.

Response:

P301 + 312 **IF SWALLOWED:** Call a POISON CONTROL CENTER or doctor/physician if you feel unwell.

P304 + P312 **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a POISON CONTROL CENTER or doctor/physician if you feel unwell.

P305 + P351 +P338 **IF IN EYES:** 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.

Storage:

N/A

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>
Water	7732-18-5	50 - 100
Tetrapotassium Pyrophosphate	7320-34-5	5 - 10
Dodecylbenzen	27176-87-0	5 - 15
Sodium Metasilicate Penta	6834-92-0	5 – 15
2 – butoxyethanol	111-76-2	15- 25
Fragrance	Proprietary Mixture	< 1
Colorant	Proprietary Mixture	< 1

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

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

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: N/A

Combustion Products: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

Contain large spills with dikes to prevent entry to waterways and sanitary sewers and transfer the material to appropriate containers for reclamation or disposal. Absorb/trap remaining material or small spills with inert material (dirt, sand, industrial absorbent) and then place in chemical waste containers. Flush residual spill area with large amounts of water. Dispose of all clean up materials in accordance with all applicable federal, state, and local health and environmental regulations.

SECTION 7: HANDLING AND STORAGE

Handling: Do not get in eyes, on skin or on clothing. Do not breathe vapor or mists. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use. Keep operating temperatures below ignition temperatures at all times. Chemical resistant splash goggles and chemical resistant gloves are always recommended when using chemicals.

Storage: Keep container tightly closed in a cool, dry, well-ventilated area away from heat, source of ignition and incompatibles.
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 CONTROL / PERSONAL PROTECTION

Exposure Limits: 2 – butoxyethanol 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

Engineering Controls: Local exhaust ventilation may be necessary to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source. Provide mechanical ventilation for confined spaces. Use explosion-proof ventilation equipment.

Personal Protective Equipment (PPE):

Eye Protection: Wear chemical safety goggles and face shield. Have eye-wash stations available where eye contact can occur.

Skin Protection: Avoid prolonged skin contact. Wear gloves impervious to conditions of use. Additional protection may be necessary to prevent skin contact including use of apron. A safety shower should be located in the work area.

Respiratory Protection: If exposure limits are exceeded, NIOSH approved respiratory protection should be worn. A NIOSH approved respirator for organic vapors is generally acceptable.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Flashpoint:	No flash point	Lower Flammability Limit:	No data available
Auto-ignition Temperature:	No data available	Upper Flammability Limit:	No data available
Boiling Point:	≥ 95°C	Volatile Organic Compound:	.5% weight [CARB]
Melting Point:	No data available	Volatile Organic Compound:	5 g/l [SCAQMD 443.1]
Vapor Pressure:	No data available	Evaporation Rate (Water=1):	No data available
Vapor Density (Air = 1):	No data available	Viscosity:	No data
Solubility:	Soluble in water	pH:	12.5 ± .5
Pour Point:	Not available	Molecular Weight:	Mixture
Molecular Formula:	Mixture	Spec. Grav. / Density:	8.735 lbs. /gal.
Odor/Appearance:	Tan with mild fruit and ether scent		

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	None
Chemical Stability:	Stable
Possibility of hazardous reactions:	Hazardous polymerization will not occur.
Conditions to avoid:	None
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: N/A

Skin Contact: Mild Skin Irritation: N/A

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
Tetrapotassium Pyrophosphate	Oral	Rabbit	LD50 : >1000 mg/kg
Tetrapotassium Pyrophosphate	Inhalation		
Tetrapotassium Pyrophosphate	Dermal	Rabbit	LD50: >4640 mg/kg
Dodecylbenzen	Oral	Rabbit	LD 50: 1407 mg/kg
Dodecylbenzen	Inhalation	-	No data available
Dodecylbenzen	Dermal	-	No data available
2 – butoxyethanol	Oral	Guinea pig	LD 50 1,200 mg/kg
2 – butoxyethanol	Inhalation	Guinea pig	LD 50 >633ppm, 1h.
2 – butoxyethanol	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

Skin Corrosion/Irritation

Name	Route	Species	Value
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Serious Eye Damage/Irritation

Name	Route	Species	Value
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Skin Sensitization

Name	Route	Species	Value
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Respiratory Sensitization

Name	Route	Species	Value
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Germ Cell Mutagenicity

Name	Route	Species	Value
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Carcinogenicity

Name	Route	Species	Value
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Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Species	Value
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Target Organ (s)

Specific Target Organ Toxicity – Single Exposure

Name	Route	Species	Value
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Specific Target Organ Toxicity – repeated exposure

Name	Route	Species	Value
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Aspiration Hazard

Name	Route	Species	Value
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SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity

Acute and Prolonged Toxicity to Fish:

No Data

Acute Toxicity to Aquatic Invertebrates:

No Data

Environmental Fate and pathways

No Data

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

SECTION 14: TRANSPORT INFORMATION

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: ADG7, UN, IATA,
IMDG, DOT, DOT CLASS

DOT Class: Not Regulated

DOT: Cleaning Compound

IMDG: Not Regulated

ADG7: Not Regulated

IATA: Not Regulated

Because this is produced and shipped in several different container 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 – No, Delayed Hazard – No

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200
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SECTION 16: OTHER INFORMATION

NFPA Hazardous Classification

Health: 1 Flammability: 0 Instability: 0 Special Hazard: None

Revision Indicator: SDS Revision # 5 / Issued March 30, 2015

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