

SAFETY DATASHEET
DECON PRO IRON REMOVER AND WHEEL CLEANER

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 SPI215 DECON PRO IRON REMOVER AND WHEEL CLEANER

Part Number(s): SPI215, SPI21516, SPI21564, SPI21504

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 |
| | Skin Corrosion, Category 1A |
| | |

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GHS label elements:

| | |
|---|--|
| <div data-bbox="77 682 410 856" data-label="Image"></div> <div data-bbox="203 892 479 924" data-label="Section-Header"><p style="text-align: center;"><u>Hazard Statements</u></p></div> <div data-bbox="227 955 373 997" data-label="Text"><p style="text-align: center;">DANGER!</p></div> <div data-bbox="73 1018 576 1249" data-label="List-Group"><ul style="list-style-type: none">H290 May be corrosive to metalsH300 Fatal if swallowedH312 Harmful in contact with skinH318 Causes serious eye damage.</div> | <div data-bbox="885 619 1258 661" data-label="Section-Header"><p style="text-align: center;"><u>Precautionary Statements</u></p></div> <div data-bbox="609 682 738 724" data-label="Section-Header"><p><u>General:</u></p></div> <div data-bbox="609 745 1518 913" data-label="List-Group"><ul style="list-style-type: none">P101 If medical advice is needed, have product or label at hand.P102 Keep out of reach of childrenP103 Read label before use.</div> <div data-bbox="609 934 779 976" data-label="Section-Header"><p><u>Prevention:</u></p></div> <div data-bbox="609 997 1518 1480" data-label="List-Group"><ul style="list-style-type: none">P201 Obtain special instructions before use.P202 Do not handle until all safety precautions have been read and understoodP 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.</div> <div data-bbox="609 1501 771 1543" data-label="Section-Header"><p><u>Response:</u></p></div> <div data-bbox="609 1564 1518 1732" data-label="List-Group"><ul style="list-style-type: none">P301 IF SWALLOWED: Immediately call poison control or doctor. Rinse mouth. Do NOT induce vomiting.P304 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</div> |
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| | <p>P303 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse cautiously with water for several minutes.</p> <p>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.</p> <p>P308 IF exposed or concerned: Immediately call poison control or doctor.</p> <p><u>Storage:</u></p> <p>P403 Store in a well-ventilated place.</p> <p>P405 Store locked up. Keep container tightly closed.</p> <p><u>Disposal:</u></p> <p>P501 Dispose of contents/container in accordance with local/regional/national/international regulations.</p> |
|--|---|

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 |
| Thioglycolic Acid | 68-11-1 | <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

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.

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:

Ingredients with workplace control parameters:

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

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| 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.

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

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| Appearance/odor: Pungent acidic 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: ≥ 95° C | Vapor Density: Not determined |
| Melting/Freezing Point: Not determined | Percent Volatile: ≥ 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.

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 |
|---------------------------------|------------|------------|----------------------|
| 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) benzenesulfonat | Oral | Rabbit | LD 50: 1407 mg/kg |
| Sodium (c10-16) benzenesulfonat | Inhalation | - | No data available |
| Sodium (c10-16) benzenesulfonat | Dermal | - | No data available |
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SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity: No data available
Persistence and degradability: No data available
Bio accumulative potential: No data available
Mobility in soil: No data available

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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

| | |
|---|-------------------------|
| DOT Hazardous Materials Descriptions: | Non-hazardous substance |
| UN Number: | 2586 |
| Transport hazard class: | 8 |
| Environmental hazard (e.g., Marine pollutant): | Not determined |

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|--------------------------------------|----------------|
| 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

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

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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):

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)

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Massachusetts RTK – Substance List

New Jersey Worker and community Right-to-Know Act

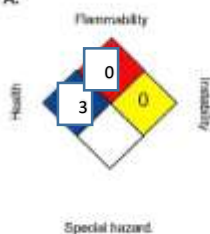
Pennsylvania Worker and community Right-to-Know Act

Rhode Island RTK

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.

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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.