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Safety Data Sheet

## Iron and Fallout Remover

### SECTION 1: PRODUCT AND COMPANY INFORMATION

#### Product Identifiers

Name Iron and Fallout Remover  
Number 10947, 10948, 10949, 99590  
Brand Griot's Garage  
Product Use Removal of brake dust and fallout

#### Supplier

Name Griot's Garage Inc. - [www.griotsgarage.com](http://www.griotsgarage.com)  
Address 3333 South 38th Street – Tacoma - WA 98409  
2185 Airwest Blvd – Plainfield - IN 46168  
Telephone 800-345-5789 - 888-252-2252 Fax - [info@griotsgarage.com](mailto:info@griotsgarage.com)  
Emergency Phone **800-345-5789**  
Prepared/Revised October 6, 2016

### SECTION 2: HAZARD IDENTIFICATION

#### Classification of the substance or mixture

Physical Hazards Not Classified  
Health Hazard Acute toxicity, Oral (Category 4), Harmful if swallowed.  
Skin Corrosion / Irritation (Category 2), Causes skin irritation.  
Eye Damage / Irritation (Category 2A), Causes serious eye irritation.  
Environmental Hazards Not Classified



#### Precautionary Statements and Label Elements

Label Elements Exclamation Mark  
Signal Word **WARNING**  
Prevention Wash hands or other contact areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear eye protection/ face protection.  
Response IF SWALLOWED: Immediately call a POISON CENTER/doctor/ Seek immediate medical attention if you feel unwell. Rinse mouth. IF ON SKIN: Wash with plenty of water. If skin irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: See Section 4: First Aid Measures. If eye irritation persists: Get medical advice/ attention.

Storage None

Disposal Dispose of container or contents in accordance with all regulations.

#### Hazards not otherwise classified (HNOC) or not covered by GHS

HMIS Rating: Health hazard: 2 Chronic Health Hazard: 0 Flammability: 0 Physical Hazard 0  
NFPA Rating: Health hazard: 2 Fire Hazard: 0 Reactivity Hazard: 0

#### Supplemental Information

See Section 16 for alphanumeric H-Statements and P-Statements.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	EC No.	% Wt.
Sodium thioglycolate	367-51-1	206-696-4	25
Sodium xylenesulfonate	300-72-7	215-090-9	15
Sodium Lauryl Sulfate	151-21-3	205-788-1	<5

This composition consists of a combination of ingredients. The ones potentially contributing to classified hazards are reported above. The above chemistries are provided for industrial hygiene and environmental purposes and are not intended to represent product specifications.

## SECTION 4: FIRST AID MEASURES

**Description of first aid measures**

<b>General advice</b>	Move out of dangerous area. Consult a physician if you feel unwell. Show this safety data sheet to the doctor and first responders.
<u>In case of eye contact</u>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/ attention.
<u>In case of skin contact</u>	Wash with plenty of water. Take off all contaminated clothing and shoes. Wash contaminated clothing before reuse. Decontaminate or discard shoes. Seek immediate medical attention if you feel unwell.
<u>If inhaled</u>	Remove person to fresh air and keep comfortable for breathing. Contact a poison center/doctor/seek immediate medical attention if you feel unwell.
<u>If swallowed</u>	Rinse mouth. Call a poison center/doctor. Seek immediate medical attention if you feel unwell.

**Most important symptoms and effects, both acute and delayed:** See Sections 2 and 11.

**Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

**Extinguishing Media**

<u>Suitable</u>	Use dry chemical, CO <sub>2</sub> , water spray (FOG) or foam.
<u>Unsuitable</u>	Avoid solid water stream as it may scatter and spread fire.
<u>Special hazards arising from the substance or mixture</u>	

Use water spray to cool fire exposed container surfaces and to protect personnel. Thermal decomposition can produce carbon monoxide (highly toxic) and carbon dioxide (an asphyxiant at sufficient concentrations).

**Advice for firefighters** As in any fire, fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. (MSHA/NIOSH approved or equivalent).

**Further information** If employees are expected to fight fires, training and equipment information can be found in OSHA Fire Brigades Standard (29 CFR 1910.156).

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Use appropriate safety equipment. Keep unnecessary and unprotected personnel from entering the area. Keep upwind of spill. Ventilate area of leak or spill. No smoking in area. For large spills, warn public of downwind explosion hazard.

**Environmental precautions**

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

**Methods and materials for containment and cleaning up**

Contain spilled material if possible. Collect in suitable and properly labeled containers.

**Reference to other sections-resources**

For additional information, refer to Section 8: Exposure Controls and Personal Protection, Section 7: Handling, Section 12: Ecological Information, Section 13: Disposal Considerations and OSHA Hazardous Waste Operations and Emergency Response Standard (29 CFR 1910.120).

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of dust for dry products and vapor or mist for liquids. When product is flammable or combustible, keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge. For precautions see Section 2.

**Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Specific end use**

See Section 1.

**SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION**

<b>Control parameters</b>	Under normal conditions of use, no special precautions or control measures are required. If inhalation or skin and eye contact are possible, exposure limits determined by OSHA, ACGIH and NIOSH for components are provided. Limits are for air levels only. Skin contact can cause over exposure even when limits are met.
<b>Component Exposure Limits</b>	Sodium thioglycolate (367-51-1) - Sodium xylenesulfonate (300-72-7) - Sodium Lauryl Sulfate (151-21-3): No OSHA – NIOSH – ACGIH exposure limits.
<b>Appropriate engineering controls</b>	Where possible, enclose operations and use local exhaust ventilation at the site of chemical release. Maintain airborne levels below exposure limit requirements or guidelines. If local exhaust ventilation or enclosure is not used respirators should be worn. Wear protective work clothing. Facilities storing, packaging or utilizing product should be equipped with an eyewash and a safety shower facility. Wash thoroughly immediately after exposure, before breaks and the end of the work shift. Post hazard and warning information in the work area. In addition, as part of an ongoing education and training effort, communicate all information on the health and safety hazards to potentially exposed workers.
<b>Personal protective equipment</b>	Safety glasses and chemical resistant gloves are recommended whenever chemicals are handled. Obtain detailed information from OSHA Personal Protective Equipment Standard (29 CFR 1910.132) and equipment suppliers.
<u>Eye/face protection</u>	Face shield and, or safety glasses are recommended where misting or splashing is a risk. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
<u>Skin protection</u>	Wear protective gloves/protective clothing. Dispose of contaminated gloves after use in accordance with applicable regulations and good practices. Wash and dry hands. Wash contaminated clothing and decontaminate shoes before reuse.
<u>Respiratory protection</u>	Use when overexposure potential. Improper use of respirators is dangerous. Respirators should only be used with a written program as described in the OSHA Respiratory Protection Standard (29 CFR 1910.134).
<b>Control of environmental exposure</b>	Avoid release to the environment. Collect spillage. Dispose of contents/container in accordance with regulations.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

Physical State: Liquid
Color: Colorless, Hazy
Odor: Tropical
Boiling Point/Range: Not Determined
Flash Point: Not Determined
Auto Ignition Temp: Not Determined
Lower Flammability Limit: Not Determined
Upper Flammability Limit: Not Determined
Vapor Pressure (psi @100°F): Not Determined
Vapor Density (Air= 1): Not Determined
Specific Gravity: 1.15
Freezing Point/Melting Point: Not Determined
Solubility (Water): Complete
Specific Gravity: Not Determined
Evaporation Rate (Butyl Acetate = 1): Not Determined
Viscosity: 15 cPs
pH: 7.0-7.5
<b>Other Information</b> Volatility: Not Determined

Physical Data is typical values based on material tested, but may vary based on composition. Values should not be accepted as guaranteed for every lot or as specifications for this product.

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**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity** Does not react under normal conditions of use.  
**Chemical Stability** Stable under normal conditions of use.  
**Stability/Incompatibility** Avoid contact with strong oxidizers.  
**Conditions to Avoid** None known.  
**Hazardous Reactions/Decomposition Products** Does not decompose under normal conditions; may produce CO, CO<sub>2</sub>, volatile hydrocarbons and other possibly toxic gases in fire.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Information on Toxicological Effects**

**Component toxicity** Sodium thioglycolate (367-51-1): LD50 Oral - mouse - 504 mg/kg - Remarks: Behavioral: Somnolence (general depressed activity). Behavioral: Convulsions or effect on seizure threshold.  
Sodium xylenesulfonate (1300-72-7): Acute toxicity LD50 Oral - rat - male and female - >= 7,200 mg/kg - LD50 Dermal - rabbit - male and female - > 2,000 mg/kg - Eyes – rabbit: Result: Irritating to eyes  
Sodium Lauryl Sulfate (151-21-3): Acute toxicity LD50 Oral - Rat - male and female - 1,200 mg/kg  
 LC50 Inhalation - Rat - 1 h - > 3,900 mg/m<sup>3</sup> - Skin – Rabbit: Result: Skin irritation - 24 h - Eyes – Rabbit: Result: Risk of serious damage to eyes.  
**Mixture toxicity** Skin corrosion/irritation – Inhalation - Serious eye damage/eye irritation - Respiratory or skin sensitization - Germ cell mutagenicity - Reproductive toxicity - Specific target organ toxicity - single exposure - Specific target organ toxicity - repeated exposure - Aspiration hazard: All no data available.  
Carcinogenicity: Product/Components not classified as a carcinogen by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), or the Occupational Safety and Health Administration (OSHA).  
**Additional Information** None known.

**SECTION 12: ECOLOGICAL INFORMATION**

**Component ecotoxicity** Sodium Lauryl Sulfate (151-21-3): Fish LC50 Fish 1 - 10 mg/l - Crustacea EC50 Crustacea 1.37 - 4.7 mg/l, 48 hours - Fish LC50 Fish 3.6 mg/l, 96 hours.  
Sodium thioglycolate (367-51-1) - Sodium xylenesulfonate (1300-72-7): No data available.  
**Mixture ecotoxicity** Toxicity to Fish - Persistence and Biodegradability - Bioaccumulative Potential - Mobility in Soil: All no data available.  
**Other adverse effects** None known for mixture.

**SECTION 13: DISPOSAL CONSIDERATION**

**Waste treatment methods**

**Product** Contact a licensed professional waste disposal service to dispose of this material.  
**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

**SECTION 14: TRANSPORT INFORMATION**

**DOT:** Not Regulated – **IATA:** Not Regulated – **IMDG:** Not Regulated

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through a shipper authorized sales or customer service representative.

## SECTION 15: REGULATORY INFORMATION

<b>Federal</b>	<p><u>TSCA</u>: Components of this product are listed on the TSCA Inventory.</p> <p><u>RCRA</u>: None of the ingredients are currently listed as a substance or a source waste under current regulations (40 CFR 261.31, 32 and 33).</p> <p><u>CERCLA</u>: Product is not found on Table 302.4, 40 CFR part 302.</p> <p><u>SARA TITLE III</u>: (Superfund Amendments and Reauthorization Act)</p> <p>302 Components: None are subject to the reporting requirements of Section 302.</p> <p>313 Components: None that exceed the threshold (De Minimis) reporting levels established by Section 313.</p> <p>311/312 Hazards: Acute, Health</p>
<b>States</b>	<p><u>State Right to Know Components</u>: PA &amp; NJ: Sodium thioglycolate (367-51-1) - Sodium xylenesulfonate (300-72-7) - Sodium Lauryl Sulfate (151-21-3)</p>
<b>Canada</b>	<p><u>DSL</u>: Components of this product are listed on the Canadian Domestic Substances List.</p> <p><u>WHMIS</u>: Sodium thioglycolate (367-51-1): Hazard Class E Corrosive material D1A Very toxic materials D2B Toxic materials - Sodium xylenesulfonate (1300-72-7): Uncontrolled product according to WHMIS classification criteria. - Sodium Lauryl Sulfate (151-21-3): Hazard Class B4 Flammable solid D2B Toxic materials E Corrosive material.</p>

## SECTION 16: OTHER INFORMATION

**Full alphanumeric H-Statements and P-Statements**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

P264 Wash hands or other contact areas thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear eye protection/ face protection.

P301+P312 IF SWALLOWED: Immediately call a POISON CENTER/doctor/ Seek immediate medical attention if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment: See Section 4: First Aid Measures.

P330 Rinse mouth.

P332 + P313 If skin irritation persists: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362+364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of container or contents in accordance with all regulations.

**Disclaimer**

The data presented here relates only to the specific material designated herein and does not relate to use in combination with any other materials or in any process. The information set forth above is based on technical data believed to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside our control, no warranties, expressed or implied are made, and no liability is assumed in connection with any use of this information. Judgments as to the suitability of this information for the user's purposes are necessarily the user's responsibility. Although reasonable care has been taken in the preparation of this information, no responsibility is assumed as to the accuracy or suitability of this information for its application to the users intended purpose or for consequences of its use.

**Potential Health Effects**

This product is a mixture for which no specific health hazard data exists. OSHA requires that one should assume such mixtures present the same health hazards as do any components present in amounts greater than 1% (0.1% for carcinogens). Consumers accessing our SDS information should keep in mind the information is presented in a format required by the U.S. Government's Occupational Safety and Health Administration (OSHA). We provide SDS as a service for our business customers. These industrial SDSs are not applicable to consumer use of these products. We thoroughly evaluate the safety aspects of all of our consumer products prior to their use in the home.

Prepared by Griot's Garage