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Safety Data Sheet

Odor Exterminator

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product Identifiers

Name Odor Exterminator
Number 11008
Brand Griot's Garage
Product Use General Purpose Cleaner – Non-aerosol

Supplier

Name Griot's Garage Inc. - 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
Emergency Phone **800-345-5789**
Prepared/Revised April 17, 2017

SECTION 2: HAZARD IDENTIFICATION

Classification of the substance or mixture

Physical Hazards Not Classified
Health Hazard Acute toxicity, Oral (Category 4), Harmful if swallowed. Acute toxicity, Dermal (Category 3).
Acute toxicity, Inhalation Dusts/Mists (Category 3). Eye Damage / Irritation (Category 1),
Causes serious eye damage. Oxidizing solids (Category 2), May intensify fire, oxidizer.

Environmental Hazards Not Classified

Precautionary Statements and Label Elements

Pictograms Skull & Crossbones – Corrosion – Flame over Circle



Signal Word **DANGER**

Prevention Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear protective gloves/clothing/eye protection/face protection. Wash face, hands, and any exposed skin thoroughly after handling. Keep/store away from clothing/combustible materials. Do not eat, drink, or smoke when using this product. Take any precautions to avoid mixing with combustibles.

Response Specific treatment (see supplemental first aid instructions). If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. If on skin: Wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. Remove all contaminated clothing. Wash contaminated clothing before reuse. If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician. If swallowed: call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. In case of fire: Use CO2, dry chemical, or foam for extinction.

Storage Store locked up. Store in a well-ventilated place. Keep container tightly closed.
Disposal Dispose of container or contents in accordance with all regulations to an approved waste disposal plant.

Other hazards 5% of the mixture consists of ingredient(s) of unknown toxicity.
NFPA: Health Hazard: 3 Flammability: 0 Instability: 1
HMIS: Health Hazard: 3 Flammability: 0 Physical Hazard: 1

Supplemental Information

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (20 CFR 1910.1200).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	% Wt.
Supplier Trade Secret	Trade Secret	60-100
Sodium Chlorite	7758-19-2	10-30
Supplier Trade Secret	Trade Secret	3-7

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**

General advice	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<u>In case of eye contact</u>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Keep eye wide open while rinsing. Do not rub affected area. Seek immediate medical attention/advice.
<u>In case of skin contact</u>	Immediate medical attention is required. Wash with plenty of soap and water. Take off all contaminated clothing and shoes. Wash contaminated clothing before reuse.
<u>If inhaled</u>	Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, administer oxygen. Contact a poison center/doctor/seek immediate medical attention if you feel unwell.
<u>If swallowed</u>	Rinse mouth immediately and drink plenty of water. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Call a poison center/doctor. Seek immediate medical attention if you feel unwell.
<u>Self-protection of the first aider:</u>	Ensure that medical personnel are aware of the material involved, take precautions to protect themselves and prevent spread of contaminations.
Most important symptoms and effects, both acute and delayed: Burning sensation.	
Indication of any immediate medical attention and special treatment needed: Treat symptomatically.	

SECTION 5: FIREFIGHTING MEASURES**Extinguishing Media**

<u>Suitable</u>	Use water. Do not use dry chemicals or foams. CO2 or Halon may provide limited control. Flood fire area with water from a distance. Move containers from fire area if you can do it without risk. Cool containers with flooding quantities of water until well after fire is out. Dike fire-control water for later disposal.
<u>Unsuitable</u>	Avoid solid water stream as it may scatter and spread fire and be inefficient.
<u>Special hazards arising from the substance or mixture</u>	May explode from friction, heat, or contamination. These substances will accelerate burning when involved in a fire. May ignite combustibles (wood paper, oil, clothing, etc.) Runoff may create fire or explosion hazard.
Uniform Fire Code:	Oxidizer: Class 2 – Solid. Irritant: Solid. Combustible dust/powder. Sensitizer: Solid.
Hazardous Combustion Products:	Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact	No
Sensitivity to Static Discharge	Yes

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). Do not move cargo or vehicle if cargo has been exposed to heat. Always stay away from tanks engulfed in fire. Do not get water inside containers, a violent reaction may occur.

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**

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not clean up or dispose of, except under supervision of a specialist. Keep

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combustibles (wood, paper, oil, etc.) away from spilled material. Use water spray to reduce vapors or divert vapor cloud drift.

Environmental precautions

Prevent from entering into sewers, waterways, basements, or confined areas.

Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Cover with dry earth, dry sand, or other non-combustible material followed with plastic sheet to minimize spreading or contact with rain. Flush area with flooding quantities of water.

Reference to other sections-resources

None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, or clothing. Do not eat, drink, or smoke when using this product. In case of insufficient ventilation, wear suitable respiratory equipment. Take off contaminated clothing and wash before reuse. Use personal protection equipment. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Use with local exhaust ventilation.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool, and well-ventilated place. Store locked up. Keep out of the reach of children. Protect from moisture. Store away from other materials. Keep away from heat, sparks, flame, and other sources of ignition (i.e. pilot lights, electric motors, and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products

Strong oxidizing agents. Strong acids. Strong bases. Organic material. Combustible material. Hydrocarbons.

Specific end use

See Section 1.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Control parameters

Component Exposure Limits

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

SUBSTANCE.	CAS No.	ACGIH TLV	OSHA PEL	NIOSH IDLH
Supplier Trade Secret	n/a	TWA: 2 mg/m ³	(vacated) TWA: 2 mg/m ³	IDLH: 1000 mg/m ³ containing no asbestos and < 1% quartz. TWA: 2 mg/m ³

Recommended monitoring method NIOSH 1500 (hydrocarbons, B.P. 36-126°C) mg/m³

Appropriate engineering controls

Showers, eyewash stations, and ventilation systems.

Personal protective equipment

Eye/face protection



Wear protective eyewear (goggles, face shield, or tight sealing safety glasses). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection



Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves. Wear fire/flame resistant/retardant clothing.

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Respiratory protection



No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. Respirators should only be used with a written program as described in the OSHA Respiratory Protection Standard (29 CFR 1910.134).

Thermal Hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, or clothing. Do not eat, drink, or smoke when using this product. Wear suitable gloves and eye/face protection. Take off contaminated clothing and wash before reuse. Regular cleaning of equipment, work area, and clothing is recommended. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State: Powder (s), Solid/Powder, Solid
 Appearance: A white solid liberating a colorless gas
 Color: No information available
 Odor: Odorless
 Odor Threshold: No information available
 pH: No data available
 Melting/Freezing Point: No data available
 Boiling Point/Range: No data available
 Flash Point: No data available
 Evaporation Rate: No data available
 Flammability (solid, gas): No data available
 Flammability Limit in Air: No data available
 Upper Flammability Limit: No data available
 Lower Flammability Limit: No data available
 Vapor Pressure: No data available
 Vapor Density: No data available
 Specific Gravity: No data available
 Water Solubility: Partially soluble
 Solubility in other solvents: No data available.
 Partition coefficient: n-octanol/water: No data available.
 Autoignition temperature: No data available.
 Decomposition temperature: No data available.
 Kinematic viscosity: No data available.
 Dynamic viscosity: No data available.
 Explosive properties: No data available.
 Oxidizing properties: No data available.
 Softening Point: No data available.
 VOC Content (%): No data available.
 Particle Size: No data available.
 Particle Size distribution: No data available.

Other Information

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.

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Oxidizer

Chemical Stability

Stable under recommended storage conditions. May cause fire or explosion; strong oxidizer.

Stability/Incompatibility

Strong oxidizing agents. Strong acids, strong bases, organic material, combustible material, hydrocarbons.

Conditions to Avoid

Heat, flames, and sparks. Incompatible materials.

Hazardous Reactions/Decomposition Products

Carbon oxides

SECTION 11: TOXICOLOGICAL INFORMATION**Information on Toxicological Effects**

Component toxicity	<u>Supplier Trade Secret</u> : LD50 Oral - rat - 2490 mg/kg <u>Sodium Chlorite (7758-19-2)</u> : LD50 Oral - rat – 165 mg/kg - LD50 Dermal - rabbit – 107.2 mg/kg – LC 50 Inhalation – rat – 4 h – 230 mg/m ³
Mixture toxicity	Erythema (skin redness). May cause blindness. Burning. <u>Skin corrosion/irritation</u> – Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation. Toxic in contact with skin. May be absorbed through the skin in harmful amounts (based on components). <u>Inhalation</u> – Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. <u>Serious eye damage/eye irritation</u> - Specific test data for the substance or mixture is not available. Causes serious eye damage (based on components). Severely irritating to eyes. May cause irreversible damage to eyes. <u>Ingestion</u> - Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Harmful if swallowed (based on components). <u>Respiratory or skin sensitization</u> – No information available. <u>Germ cell mutagenicity</u> - No information available. <u>Reproductive toxicity</u> - No information available. <u>Specific target organ toxicity - single exposure</u> - No information available. <u>Specific target organ toxicity - repeated exposure</u> - No information available. <u>Aspiration hazard</u> : No information available. <u>Chronic Toxicity</u> : No known effect based on information supplied. Carcinogenic potential is unknown. <u>Target Organ Effects</u> : Eyes. <u>Carcinogenicity</u> : Product/Components not classified as a carcinogen by the National Toxicology Program (NTP) or the Association Advancing Occupational and Environmental Health (ACGIH). Sodium Chlorite (7758-19-2) classified as Group 3 (Not classifiable as to Carcinogenicity in Humans) by the International Agency for Research on Cancer (IARC) and not classified as carcinogenic by the Occupational Safety and Health Administration (OSHA). <u>Supplier Trade Secret</u> : This product contains talc that is non-asbestiform, contains no asbestos fibers and is not classifiable as to its potential inhalation carcinogenicity under current GHS guidelines. However, the International Agency for Research on Cancer (IARC) found limited evidence of an association between ovarian cancer and the use of talc-based body powder for feminine hygiene including use of any talc-based body powder in the female genital area. IARC has used these data to classify talc-based powders used in the female genital area as “possible carcinogenic to humans” (Group 2B). It is also classified as Group 3 (Not classifiable as to Carcinogenicity in Humans) and classified as a carcinogen by the Occupational Safety and Health Administration (OSHA).

Additional Information

Numerical measures of toxicity. The following values are calculated based on chapter 3.1 of the GHS document. ATEmix (oral) – 557 mg/kg. ATEmix (dermal) – 428.80 mg/kg (ATE). ATEmix (inhalation-dust/mist) – 0.92 ml/l.

SECTION 12: ECOLOGICAL INFORMATION**Component ecotoxicity**

Supplier Trade Secret: Daphnia Magna (Water Flea): 48h EC50 = 190 mg/L
Sodium Chlorite (7758-19-2): Toxicity to Fish: 96h LC50 – 100-500 mg/L (Brachydanio rerio) 96h LC50 - > 100 mg/L (Lepomis macrochirus) 96h LC50 - >100 mg/L (Oncorhynchus mykiss). Daphnia Magna (Water Flea): 48h EC50 – 0.026 mg/L 48h EC50 – 0.25-0.33 mg/L 48h EC50 – 0.012-0.018 mg/L.

Mixture ecotoxicity

Supplier Trade Secret: Toxicity to Fish: 96h LC50 - > 100 g/L (Brachydanio rerio)
Toxicity to Fish – Very toxic to aquatic life with long lasting effects. 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. This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

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.

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US EPA Waste Number D001

California Hazardous Waste Codes 141

This product contains one or more substances that are listed with the State of California as a hazardous waste. Sodium Chlorite (7758-19-2) Toxic, Ignitable

SECTION 14: TRANSPORT INFORMATION

	<u>U.S. DOT</u>	<u>Sea transport (IMDG)</u>	<u>Air transport (ICAO/IATA)</u>
UN number	1496	1496	1496
Proper Shipping Name	Sodium Chlorite	Sodium Chlorite	Sodium Chlorite
Transport hazard class(es)	5.1	5.1	5.1
Packing group	II	II	II
Environmental hazards	None assigned	None assigned	None assigned
Special precautions for user	None assigned	None assigned	None assigned

Transport in bulk according to Annex II of MARPOL 73/38 and the IBC Code: Not applicable.

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

Federal	<u>TSCA:</u> Not determined. <u>CERCLA:</u> Product is not found on Table 302.4, 40 CFR part 302. <u>SARA TITLE III:</u> (Superfund Amendments and Reauthorization Act) 313 Components: None that exceed the threshold (De Minimis) reporting levels established by Section 313. 311/312 Hazards: Acute Health, Fire Hazard, Sudden release of pressure hazard, reactive hazard. <u>CWA (Clean Water Act):</u> This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).
States	<u>State Right to Know Components:</u> PA, NJ, and MA: Sodium Chlorite (7758-19-2) and Supplier Trade Secret. IL: Supplier Trade Secret.
Canada	<u>DSL:</u> Not determined. <u>WHMIS:</u> Not determined.

SECTION 16: OTHER INFORMATION

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