

# SAFETY DATA SHEET

Issuing Date 29-Jun-2015

Revision Date 05 Feb 2024

Revision Number 3



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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** Grab Green Garbage Disposal Freshener & Cleaner Pods Red Pear with Magnolia

**Product Code** 1246578

### Other means of identification

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Drain openers

**Uses advised against** Follow directions on packaging

### Details of the supplier of the safety data sheet

**Supplier Name** MaddieBrit Products, LLC

**Supplier Address** 370 N. Westlake Blvd.  
Suite 230  
Westlake Village, CA 91362

**Supplier Phone Number** 818-483-0103

Fax:818-413-2009

**Supplier Email** pspencer@maddiebritproducts.com

**Emergency telephone number** 888-841-4722

## 2. HAZARDS IDENTIFICATION

### Classification


This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).



|   |            |
|---|------------|
| Acute toxicity - Oral                     | Category 4 |
| Acute toxicity - Inhalation (Dusts/Mists) | Category 4 |
| Serious eye damage/eye irritation         | Category 1 |
| Skin sensitization                        | Category 1 |
| Reproductive Toxicity                     | Category 2 |

**GHS Label elements, including precautionary statements**

**Emergency Overview**

|   |   |                            |
|---|---|----------------------------|
| <b>Signal word</b>  | <b>Danger</b>   |                            |
| <b>Hazard Statements</b>  | Harmful if swallowed<br>Harmful if inhaled<br>Causes serious eye damage<br>May cause an allergic skin reaction<br>Suspected of damaging fertility or the unborn child |                            |
|  |   |                            |
| <b>Appearance</b> White   | <b>Physical state</b> Powder(s) Solid   | <b>Odor</b> Characteristic |

**Precautionary Statements - Prevention**

- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Use personal protective equipment as required
- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product
- Avoid breathing dust/fume/gas/mist/vapors/spray
- Use only outdoors or in a well-ventilated area
- Contaminated work clothing should not be allowed out of the workplace
- Wear protective gloves

**Precautionary Statements - Response**

- IF exposed or concerned: Get medical advice/attention
- Specific treatment (see supplemental first aid instructions on this label)

**Eyes**

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

**Skin**

IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation or rash occurs: Get medical advice/attention  
 Wash contaminated clothing before reuse

**Inhalation**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing



**Ingestion**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

Causes mild skin irritation

Toxic to aquatic life with long lasting effects

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

**Interactions with Other Chemicals**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name  | CAS No      | Weight-% | Trade Secret |
|--|-------------|----------|--------------|
| Sodium carbonate   | 497-19-8    | 30 - 60  | *            |
| Sodium carbonate peroxide  | 15630-89-4  | 15 - 40  | *            |
| Sodium citrate   | 68-04-2     | 5 - 10   | *            |
| Fragrance - Red Pear Magnolia - Flam. Liq. 4, Harmful if swallowed, Skin irrit. 2, Eye Dam. 1, Skin sens. 1, Aquatic acute and chronic 2 | FRAGRANCE   | 1 - 5    | *            |
| Silica, amorphous, precipitated and gel  | 112926-00-8 | 1 - 5    | *            |
| Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts   | 68081-81-2  | 1 - 5    | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES**

**First aid measures**

**General Advice**

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Seek immediate medical attention/advice.



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|   |  |
|---|--|
| <b>Skin contact</b>                       | Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician. |
| <b>Inhalation</b>                         | Remove to fresh air. Get medical attention immediately if symptoms occur.  |
| <b>Ingestion</b>                          | Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.                                    |
| <b>Self-protection of the first aider</b> | Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).   |

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects** Burning sensation. Itching. Rashes. Hives.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** May cause sensitization of susceptible persons. Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Product is or contains a sensitizer. May cause sensitization by skin contact.

**Explosion Data**

**Sensitivity to Mechanical Impact** None. **Sensitivity**

**to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.



## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.  
**Other Information** Refer to protective measures listed in Sections 7 and 8.

### Environmental precautions

**Environmental precautions** Prevent further leakage or spillage if safe to do so.  
**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**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. Take off contaminated clothing and wash before reuse.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

**Incompatible Products** Strong oxidizing agents. Strong acids. Strong bases.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

| Chemical Name  | ACGIH TLV | OSHA PEL                           | NIOSH IDLH |
|--|-----------|------------------------------------|------------|
| Silica, amorphous, precipitated and gel<br>112926-00-8 | -         | (vacated) TWA: 6 mg/m <sup>3</sup> |            |

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health*

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

### Appropriate engineering controls

**Engineering Measures** Showers  
 Eyewash stations  
 Ventilation systems



**Individual protection measures, such as personal protective equipment**

|                                 |   |
|---------------------------------|---|
| <b>Eye/face protection</b>      | Tight sealing safety goggles.   |
| <b>Skin and body protection</b> | Wear protective gloves and protective clothing.   |
| <b>Respiratory protection</b>   | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |
| <b>Hygiene Measures</b>         | Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.   |

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and Chemical Properties**

|                       |                          |                       |                          |
|-----------------------|--------------------------|-----------------------|--------------------------|
| <b>Physical state</b> | Powder(s), Solid         |                       |                          |
| <b>Appearance</b>     | White                    | <b>Odor</b>           | Characteristic           |
| <b>Color</b>          | No information available | <b>Odor Threshold</b> | No information available |

| <u>Property</u>                        | <u>Values</u>     | <u>Remarks</u> | <u>Method</u> |
|--|-------------------|----------------|---------------|
| pH                                     | No data available | None known     |               |
| Melting / freezing point               | No data available | None known     |               |
| Boiling point / boiling range          | No data available | None known     |               |
| Flash Point                            | No data available | None known     |               |
| Evaporation Rate                       | No data available | None known     |               |
| Flammability (solid, gas)              | No data available | None known     |               |
| Flammability Limit in Air              |                   |                |               |
| Upper flammability limit               | No data available |                |               |
| Lower flammability limit               | No data available |                |               |
| Vapor pressure                         | No data available | None known     |               |
| Vapor density                          | No data available | None known     |               |
| Specific Gravity                       | No data available | None known     |               |
| Water Solubility                       | Soluble in water  | None known     |               |
| Solubility in other solvents           | No data available | None known     |               |
| Partition coefficient: n-octanol/water | 0                 | None known     |               |
| Autoignition temperature               | No data available | None known     |               |
| Decomposition temperature              | No data available | None known     |               |
| Kinematic viscosity                    | No data available | None known     |               |
| Dynamic viscosity                      | 0                 | None known     |               |
| Explosive properties                   | No data available |                |               |
| Oxidizing properties                   | No data available |                |               |

**Other Information**

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Softening Point</b>            | No data available |
| <b>VOC Content (%)</b>            | No data available |
| <b>Particle Size</b>              | No data available |
| <b>Particle Size Distribution</b> |                   |

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available.



**Chemical stability**

Stable under recommended storage conditions. **Possibility of Hazardous**

**Reactions** None under normal processing.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

Strong oxidizing agents. Strong acids. Strong bases.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

**Inhalation**

Specific test data for the substance or mixture is not available. Harmful if inhaled. May cause irritation of respiratory tract. (based on components).

**Eye contact**

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.

**Skin contact**

Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.

**Ingestion**

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).

**Component Information**

| Chemical Name                        | Oral LD50            | Dermal LD50 | Inhalation LC50                      |
|--------------------------------------|----------------------|-------------|--------------------------------------|
| Sodium carbonate 497-19-8            | = 4090 mg/kg ( Rat ) | -           | = 2300 mg/m <sup>3</sup> ( Rat ) 2 h |
| Sodium carbonate peroxide 15630-89-4 | = 1034 mg/kg ( Rat ) | -           | -                                    |

**Information on toxicological effects**

**Symptoms**

Erythema (skin redness). May cause blindness. Burning. Itching. Rashes. Hives.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization**

May cause sensitization of susceptible persons. May cause sensitization by skin contact.

**Mutagenic Effects**

No information available.

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name                                       | ACGIH | IARC    | NTP | OSHA |
|---|-------|---------|-----|------|
| Silica, amorphous, precipitated and gel 112926-00-8 |       | Group 3 |     |      |

**IARC (International Agency for Research on Cancer)**

*Group 3 - Not Classifiable as to Carcinogenicity in Humans*



**Reproductive toxicity** Contains a known or suspected reproductive toxin.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** Contains a known or suspected reproductive toxin. Possible risk of irreversible effects. Carcinogenic potential is unknown.

**Target Organ Effects** Eyes. Skin. Reproductive System.

**Aspiration Hazard** No information available.

**Numerical measures of toxicity** Product Information

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)**  
1,341.00 mg/kg

**ATEmix (inhalation-dust/mist)**  
2.49 mg/l

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Toxic to aquatic life with long lasting effects.

| Chemical Name                           | Toxicity to Algae                                    | Toxicity to Fish  | Toxicity to Microorganisms | Daphnia Magna (Water Flea)     |
|---|--|---|----------------------------|--------------------------------|
| Sodium carbonate<br>497-19-8            | 120h EC50: = 242 mg/L<br>(Nitzschia)                 | 96h LC50: = 300 mg/L<br>(Lepomis macrochirus) 96h<br>LC50: 310 - 1220 mg/L<br>(Pimephales promelas) |                            | 48h EC50: = 265 mg/L           |
| Sodium carbonate peroxide<br>15630-89-4 | 240h EC50: = 70 mg/L<br>(Chlorella emersonii)        | 96h LC50: = 70.7 mg/L<br>(Pimephales promelas)  |                            | 48h EC50: = 4.9 mg/L           |
| Sodium citrate 68-<br>04-2              | 96h EC50: 18000 - 32000<br>mg/L (Chlorella vulgaris) | 96h LC50: 18000 - 32000<br>mg/L (Poecilia reticulata)   | EC50 1800 - 3200 mg/L 8 h  | 48h EC50: 5600 - 10000<br>mg/L |

**Persistence and Degradability**

No information available.

**Bioaccumulation**

No information available

**Other adverse effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.





**Contaminated Packaging** Do not reuse empty containers.  
 This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name                        | California Hazardous Waste |
|--------------------------------------|----------------------------|
| Sodium carbonate 497-19-8            | Corrosive                  |
| Sodium carbonate peroxide 15630-89-4 | Ignitable                  |

**14. TRANSPORT INFORMATION**

**DOT**  
 Proper Shipping Name NOT REGULATED  
 Hazard Class NON REGULATED  
 N/A

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

**IATA**  
 Proper Shipping Name NOT REGULATED  
 Hazard Class N/A

**IMDG/IMO**  
 Hazard Class Not regulated  
 N/A

**RID** Not regulated

**ADR** Not regulated

**ADN** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA Complies  
 DSL All components are listed either on the DSL or NDSL.  
 TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|                                   |     |
|-----------------------------------|-----|
| Acute Health Hazard               | Yes |
| Chronic Health Hazard             | Yes |
| Fire Hazard                       | No  |
| Sudden release of pressure hazard | No  |
| Reactive Hazard                   | No  |



**CWA (Clean Water Act)**

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)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical Name  | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|--|------------|---------------|--------------|--------------|----------|
| Silica, amorphous, precipitated and gel<br>112926-00-8 | X          | X             | X            |              |          |

**International Regulations**

| Component  | Carcinogen Status | Exposure Limits                  |
|--|-------------------|----------------------------------|
| Silica, amorphous, precipitated and gel<br>112926-00-8 ( 1 - 5 ) |                   | Mexico: TWA 10 mg/m <sup>3</sup> |

**Canada**

**WHMIS Hazard Class**

Not determined

**16. OTHER INFORMATION**

|             |                           |                       |                          |   |
|-------------|---------------------------|-----------------------|--------------------------|---|
| <b>NFPA</b> | <b>Health Hazards 3</b>   | <b>Flammability 0</b> | <b>Instability 0</b>     | <b>Physical and Chemical Hazards - Personal Protection</b><br>X |
| <b>HMIS</b> | <b>Health Hazards 3 *</b> | <b>Flammability 0</b> | <b>Physical Hazard 0</b> |   |

**Chronic Hazard Star Legend** \* = Chronic Health Hazard

**Prepared By**

Product Stewardship  
23 British American Blvd.  
Latham, NY 12110 1-800-572-6501

**Issuing Date**

29-Jun-2015

**Revision Date**

05 Feb 2024

**Revision Note**

Address & Contact Updated



**Disclaimer**

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** Grab Green Garbage Disposal Freshener & Cleaner Pods Tangerine with Lemongrass  
**Product Code** 1246578

### Other means of identification

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Drain openers  
**Uses advised against** Follow directions on packaging

### Details of the supplier of the safety data sheet

**Supplier Name** MaddieBrit Products, LLC  
**Supplier Address** 370 N. Westlake Blvd.  
Suite 230  
Westlake Village, CA 91362  
**Supplier Phone Number** 818-483-0103  
Fax:818-413-2009  
**Supplier Email** pspencer@maddiebritproducts.com  
**Emergency telephone number** 888-841-4722

## 2. HAZARDS IDENTIFICATION


### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).



|   |            |
|---|------------|
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| Serious eye damage/eye irritation         | Category 1 |
| Skin sensitization                        | Category 1 |
| Reproductive Toxicity                     | Category 2 |

**GHS Label elements, including precautionary statements****Emergency Overview**

|   |                                       |
|---|---------------------------------------|
| <b>Signal word</b>  | <b>Danger</b>                         |
| <b>Hazard Statements</b>  |                                       |
| Harmful if swallowed  |                                       |
| Harmful if inhaled  |                                       |
| Causes serious eye damage   |                                       |
| May cause an allergic skin reaction   |                                       |
| Suspected of damaging fertility or the unborn child                               |                                       |
|  |                                       |
| <b>Appearance</b> White   | <b>Physical state</b> Powder(s) Solid |
| <b>Odor</b> Characteristic  |                                       |

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Contaminated work clothing should not be allowed out of the workplace  
 Wear protective gloves

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
 Specific treatment (see supplemental first aid instructions on this label)

**Eyes**

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

**Skin**

IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation or rash occurs: Get medical advice/attention  
 Wash contaminated clothing before reuse

**Inhalation**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

**Ingestion**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

Causes mild skin irritation

Toxic to aquatic life with long lasting effects

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

**Interactions with Other Chemicals**

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name   | CAS No      | Weight-% | Trade Secret |
|---|-------------|----------|--------------|
| Sodium carbonate  | 497-19-8    | 30 - 60  | *            |
| Sodium carbonate peroxide   | 15630-89-4  | 15 - 40  | *            |
| Sodium citrate  | 68-04-2     | 5 - 10   | *            |
| Fragrance - Tangerine with Lemongrass:<br>Flammable liquid, harmful if swallowed, skin<br>irritant 2, eye irritant 2A, skin sensitizer 1, repro 2,<br>aquatic acute and chronic 1 | FRAGRANCE   | 1 - 5    | *            |
| Silica, amorphous, precipitated and gel   | 112926-00-8 | 1 - 5    | *            |
| Benzenesulfonic acid, C10-16-alkyl derivatives,<br>sodium salts   | 68081-81-2  | 1 - 5    | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

**First aid measures****General Advice**

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Seek immediate medical attention/advice.

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|   |  |
|---|--|
| <b>Skin contact</b>                       | Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician. |
| <b>Inhalation</b>                         | Remove to fresh air. Get medical attention immediately if symptoms occur.  |
| <b>Ingestion</b>                          | Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.                                    |
| <b>Self-protection of the first aider</b> | Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).   |

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects** Burning sensation. Itching. Rashes. Hives.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** May cause sensitization of susceptible persons. Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Product is or contains a sensitizer. May cause sensitization by skin contact.

**Explosion Data**

**Sensitivity to Mechanical Impact** None. **Sensitivity**

**to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.  
**Other Information** Refer to protective measures listed in Sections 7 and 8.

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**Environmental precautions** Prevent further leakage or spillage if safe to do so.  
**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

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### Precautions for safe handling

**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. Take off contaminated clothing and wash before reuse.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

**Incompatible Products** Strong oxidizing agents. Strong acids. Strong bases.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Exposure Guidelines

| Chemical Name  | ACGIH TLV | OSHA PEL                           | NIOSH IDLH |
|--|-----------|------------------------------------|------------|
| Silica, amorphous, precipitated and gel<br>112926-00-8 | -         | (vacated) TWA: 6 mg/m <sup>3</sup> |            |

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

### Appropriate engineering controls

**Engineering Measures** Showers  
 Eyewash stations  
 Ventilation systems





**Individual protection measures, such as personal protective equipment**

|                                 |   |
|---------------------------------|---|
| <b>Eye/face protection</b>      | Tight sealing safety goggles.   |
| <b>Skin and body protection</b> | Wear protective gloves and protective clothing.   |
| <b>Respiratory protection</b>   | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |
| <b>Hygiene Measures</b>         | Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.   |

**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical and Chemical Properties**

|  |                          |                       |                          |
|--|--------------------------|-----------------------|--------------------------|
| <b>Physical state</b>                  | Powder(s), Solid         |                       |                          |
| <b>Appearance</b>                      | White                    | <b>Odor</b>           | Characteristic           |
| <b>Color</b>                           | No information available | <b>Odor Threshold</b> | No information available |
| <b><u>Property</u></b>                 | <b><u>Values</u></b>     | <b><u>Remarks</u></b> | <b><u>Method</u></b>     |
| pH                                     | No data available        | None known            |                          |
| Melting / freezing point               | No data available        | None known            |                          |
| Boiling point / boiling range          | No data available        | None known            |                          |
| Flash Point                            | No data available        | None known            |                          |
| Evaporation Rate                       | No data available        | None known            |                          |
| Flammability (solid, gas)              | No data available        | None known            |                          |
| Flammability Limit in Air              |                          |                       |                          |
| Upper flammability limit               | No data available        |                       |                          |
| Lower flammability limit               | No data available        |                       |                          |
| Vapor pressure                         | No data available        | None known            |                          |
| Vapor density                          | No data available        | None known            |                          |
| Specific Gravity                       | No data available        | None known            |                          |
| Water Solubility                       | Soluble in water         | None known            |                          |
| Solubility in other solvents           | No data available        | None known            |                          |
| Partition coefficient: n-octanol/water | 0                        | None known            |                          |
| Autoignition temperature               | No data available        | None known            |                          |
| Decomposition temperature              | No data available        | None known            |                          |
| Kinematic viscosity                    | No data available        | None known            |                          |
| Dynamic viscosity                      | 0                        | None known            |                          |
| Explosive properties                   | No data available        |                       |                          |
| Oxidizing properties                   | No data available        |                       |                          |

**Other Information**

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Softening Point</b>            | No data available |
| <b>VOC Content (%)</b>            | No data available |
| <b>Particle Size</b>              | No data available |
| <b>Particle Size Distribution</b> |                   |

**10. STABILITY AND REACTIVITY****Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions. **Possibility of Hazardous**

**Reactions** None under normal processing.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

Strong oxidizing agents. Strong acids. Strong bases.

**Hazardous Decomposition Products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information****Inhalation**

Specific test data for the substance or mixture is not available. Harmful if inhaled. May cause irritation of respiratory tract. (based on components).

**Eye contact**

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.

**Skin contact**

Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.

**Ingestion**

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).

**Component Information**

| Chemical Name                        | Oral LD50            | Dermal LD50 | Inhalation LC50                      |
|--------------------------------------|----------------------|-------------|--------------------------------------|
| Sodium carbonate 497-19-8            | = 4090 mg/kg ( Rat ) | -           | = 2300 mg/m <sup>3</sup> ( Rat ) 2 h |
| Sodium carbonate peroxide 15630-89-4 | = 1034 mg/kg ( Rat ) | -           | -                                    |

**Information on toxicological effects****Symptoms**

Erythema (skin redness). May cause blindness. Burning. Itching. Rashes. Hives.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Sensitization**

May cause sensitization of susceptible persons. May cause sensitization by skin contact.

**Mutagenic Effects**

No information available.

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name                                       | ACGIH | IARC    | NTP | OSHA |
|---|-------|---------|-----|------|
| Silica, amorphous, precipitated and gel 112926-00-8 |       | Group 3 |     |      |

**IARC (International Agency for Research on Cancer)**

*Group 3 - Not Classifiable as to Carcinogenicity in Humans*

|                                       |   |
|---------------------------------------|---|
| <b>Reproductive toxicity</b>          | Contains a known or suspected reproductive toxin.   |
| <b>STOT - single exposure</b>         | No information available.   |
| <b>STOT - repeated exposure</b>       | No information available.   |
| <b>Chronic Toxicity</b>               | Contains a known or suspected reproductive toxin. Possible risk of irreversible effects. Carcinogenic potential is unknown. |
| <b>Target Organ Effects</b>           | Eyes. Skin. Reproductive System.  |
| <b>Aspiration Hazard</b>              | No information available.   |
| <b>Numerical measures of toxicity</b> | <b>Product Information</b>  |

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)**

1,341.00 mg/kg

**ATEmix (inhalation-dust/mist)**

2.49 mg/l

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Toxic to aquatic life with long lasting effects.

| Chemical Name                           | Toxicity to Algae                                    | Toxicity to Fish  | Toxicity to Microorganisms | Daphnia Magna (Water Flea)     |
|---|--|---|----------------------------|--------------------------------|
| Sodium carbonate<br>497-19-8            | 120h EC50: = 242 mg/L<br>(Nitzschia)                 | 96h LC50: = 300 mg/L<br>(Lepomis macrochirus) 96h<br>LC50: 310 - 1220 mg/L<br>(Pimephales promelas) |                            | 48h EC50: = 265 mg/L           |
| Sodium carbonate peroxide<br>15630-89-4 | 240h EC50: = 70 mg/L<br>(Chlorella emersonii)        | 96h LC50: = 70.7 mg/L<br>(Pimephales promelas)  |                            | 48h EC50: = 4.9 mg/L           |
| Sodium citrate 68-<br>04-2              | 96h EC50: 18000 - 32000<br>mg/L (Chlorella vulgaris) | 96h LC50: 18000 - 32000<br>mg/L (Poecilia reticulata)   | EC50 1800 - 3200 mg/L 8 h  | 48h EC50: 5600 - 10000<br>mg/L |

**Persistence and Degradability**

No information available.

**Bioaccumulation**

No information available

**Other adverse effects**

No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods****Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging**

Do not reuse empty containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name                        | California Hazardous Waste |
|--------------------------------------|----------------------------|
| Sodium carbonate 497-19-8            | Corrosive                  |
| Sodium carbonate peroxide 15630-89-4 | Ignitable                  |

**14. TRANSPORT INFORMATION**

**DOT**  
 Proper Shipping Name: NOT REGULATED  
 Hazard Class: NON REGULATED  
 N/A

**TDG**: Not regulated

**MEX**: Not regulated

**ICAO**: Not regulated

**IATA**  
 Proper Shipping Name: NOT REGULATED  
 Hazard Class: N/A

**IMDG/IMO**  
 Hazard Class: Not regulated  
 N/A

**RID**: Not regulated

**ADR**: Not regulated

**ADN**: Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA: Complies  
 DSL: All components are listed either on the DSL or NDSL.  
 TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|                                   |     |
|-----------------------------------|-----|
| Acute Health Hazard               | Yes |
| Chronic Health Hazard             | Yes |
| Fire Hazard                       | No  |
| Sudden release of pressure hazard | No  |
| Reactive Hazard                   | No  |



**CWA (Clean Water Act)**

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)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical Name  | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|--|------------|---------------|--------------|--------------|----------|
| Silica, amorphous, precipitated and gel<br>112926-00-8 | X          | X             | X            |              |          |

**International Regulations**

| Component  | Carcinogen Status | Exposure Limits                  |
|--|-------------------|----------------------------------|
| Silica, amorphous, precipitated and gel<br>112926-00-8 ( 1 - 5 ) |                   | Mexico: TWA 10 mg/m <sup>3</sup> |

**Canada**

**WHMIS Hazard Class**

Not determined

**16. OTHER INFORMATION**

|             |                           |                       |                          |   |
|-------------|---------------------------|-----------------------|--------------------------|---|
| <b>NFPA</b> | <b>Health Hazards 3</b>   | <b>Flammability 0</b> | <b>Instability 0</b>     | <b>Physical and Chemical Hazards - Personal Protection</b><br>X |
| <b>HMIS</b> | <b>Health Hazards 3 *</b> | <b>Flammability 0</b> | <b>Physical Hazard 0</b> |   |

**Chronic Hazard Star Legend** \* = Chronic Health Hazard

**Prepared By**

Product Stewardship  
23 British American Blvd.  
Latham, NY 12110 1-800-572-6501

**Issuing Date**

29-Jun-2015

**Revision Date**

05 Feb 2024

**Revision Note**

Address & Contact Updated



**Disclaimer**

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**

# SAFETY DATA SHEET

Issuing Date 29-Jun-2015

Revision Date 05 Feb 2024

Revision Number 3



The supplier identified below generated this SDS using the UL SDS template. UL did not test, certify, or approve the substance described in this SDS, and all information in this SDS was provided by the supplier or was reproduced from publically available regulatory data sources. UL makes no representations or warranties regarding the completeness or accuracy of the information in this SDS and disclaims all liability in connection with the use of this information or the substance described in this SDS. The layout, appearance and format of this SDS is © 2014 UL LLC. All rights reserved.

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** Grab Green Garbage Disposal Freshener & Cleaner Pods Thyme with Fig Leaf

**Product Code** 1246578

### Other means of identification

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Drain openers

**Uses advised against** Follow directions on packaging.

### Details of the supplier of the safety data sheet

**Supplier Name** MaddieBrit Products, LLC

**Supplier Address** 370 N. Westlake Blvd.  
Suite 230  
Westlake Village, CA 91362

**Supplier Phone Number** 818-483-0103

Fax:818-413-2009

**Supplier Email** pspencer@maddiebritproducts.com

**Emergency telephone number** 888-841-4722

## 2. HAZARDS IDENTIFICATION


### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).



|   |            |
|---|------------|
| Acute toxicity - Oral                     | Category 4 |
| Acute toxicity - Inhalation (Dusts/Mists) | Category 4 |
| Serious eye damage/eye irritation         | Category 1 |
| Skin sensitization                        | Category 1 |
| Reproductive Toxicity                     | Category 2 |

**GHS Label elements, including precautionary statements****Emergency Overview**

|   |                                       |
|---|---------------------------------------|
| <b>Signal word</b>  | <b>Danger</b>                         |
| <b>Hazard Statements</b><br>Harmful if swallowed<br>Harmful if inhaled<br>Causes serious eye damage<br>May cause an allergic skin reaction<br>Suspected of damaging fertility or the unborn child |                                       |
|    |                                       |
| <b>Appearance</b> White   | <b>Physical state</b> Powder(s) Solid |
| <b>Odor</b> Characteristic  |                                       |

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Contaminated work clothing should not be allowed out of the workplace  
 Wear protective gloves

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
 Specific treatment (see supplemental first aid instructions on this label)

**Eyes**

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

**Skin**

IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation or rash occurs: Get medical advice/attention  
 Wash contaminated clothing before reuse

**Inhalation**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing



**Ingestion**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

Causes mild skin irritation

Toxic to aquatic life with long lasting effects

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

**Interactions with Other Chemicals**

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name   | CAS No      | Weight-% | Trade Secret |
|---|-------------|----------|--------------|
| Sodium carbonate  | 497-19-8    | 30 - 60  | *            |
| Sodium carbonate peroxide   | 15630-89-4  | 15 - 40  | *            |
| Sodium citrate  | 68-04-2     | 5 - 10   | *            |
| Fragrance - Thyme with Fig Leaf: Harmful if swallowed, Skin irrit. 2, Eye Irrit. 2A, Skin Sens. 1, Repr. 2, STOT RE 2, Aquatic acute 2, Aquatic chronic 2 | FRAGRANCE   | 1 - 5    | *            |
| Silica, amorphous, precipitated and gel   | 112926-00-8 | 1 - 5    | *            |
| Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts  | 68081-81-2  | 1 - 5    | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

**First aid measures****General Advice**

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Seek immediate medical attention/advice.

---

|   |  |
|---|--|
| <b>Skin contact</b>                       | Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician. |
| <b>Inhalation</b>                         | Remove to fresh air. Get medical attention immediately if symptoms occur.  |
| <b>Ingestion</b>                          | Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.                                    |
| <b>Self-protection of the first aider</b> | Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).   |

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects** Burning sensation. Itching. Rashes. Hives.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** May cause sensitization of susceptible persons. Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Product is or contains a sensitizer. May cause sensitization by skin contact.

**Explosion Data**

**Sensitivity to Mechanical Impact** None. **Sensitivity**

**to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.  
**Other Information** Refer to protective measures listed in Sections 7 and 8.

### Environmental precautions

**Environmental precautions** Prevent further leakage or spillage if safe to do so.  
**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**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. Take off contaminated clothing and wash before reuse.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

**Incompatible Products** Strong oxidizing agents. Strong acids. Strong bases.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Exposure Guidelines

| Chemical Name  | ACGIH TLV | OSHA PEL                           | NIOSH IDLH |
|--|-----------|------------------------------------|------------|
| Silica, amorphous, precipitated and gel<br>112926-00-8 | -         | (vacated) TWA: 6 mg/m <sup>3</sup> |            |

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

### Appropriate engineering controls

**Engineering Measures** Showers  
 Eyewash stations  
 Ventilation systems



**Individual protection measures, such as personal protective equipment**

|                                 |   |
|---------------------------------|---|
| <b>Eye/face protection</b>      | Tight sealing safety goggles.   |
| <b>Skin and body protection</b> | Wear protective gloves and protective clothing.   |
| <b>Respiratory protection</b>   | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |
| <b>Hygiene Measures</b>         | Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.   |

**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical and Chemical Properties**

|  |                          |                       |                          |
|--|--------------------------|-----------------------|--------------------------|
| <b>Physical state</b>                  | Powder(s), Solid         |                       |                          |
| <b>Appearance</b>                      | White                    | <b>Odor</b>           | Characteristic           |
| <b>Color</b>                           | No information available | <b>Odor Threshold</b> | No information available |
| <b><u>Property</u></b>                 | <b><u>Values</u></b>     | <b><u>Remarks</u></b> | <b><u>Method</u></b>     |
| pH                                     | No data available        | None known            |                          |
| Melting / freezing point               | No data available        | None known            |                          |
| Boiling point / boiling range          | No data available        | None known            |                          |
| Flash Point                            | No data available        | None known            |                          |
| Evaporation Rate                       | No data available        | None known            |                          |
| Flammability (solid, gas)              | No data available        | None known            |                          |
| Flammability Limit in Air              |                          |                       |                          |
| Upper flammability limit               | No data available        |                       |                          |
| Lower flammability limit               | No data available        |                       |                          |
| Vapor pressure                         | No data available        | None known            |                          |
| Vapor density                          | No data available        | None known            |                          |
| Specific Gravity                       | No data available        | None known            |                          |
| Water Solubility                       | Soluble in water         | None known            |                          |
| Solubility in other solvents           | No data available        | None known            |                          |
| Partition coefficient: n-octanol/water | 0                        | None known            |                          |
| Autoignition temperature               | No data available        | None known            |                          |
| Decomposition temperature              | No data available        | None known            |                          |
| Kinematic viscosity                    | No data available        | None known            |                          |
| Dynamic viscosity                      | 0                        | None known            |                          |
| Explosive properties                   | No data available        |                       |                          |
| Oxidizing properties                   | No data available        |                       |                          |

**Other Information**

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Softening Point</b>            | No data available |
| <b>VOC Content (%)</b>            | No data available |
| <b>Particle Size</b>              | No data available |
| <b>Particle Size Distribution</b> |                   |

**10. STABILITY AND REACTIVITY****Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions. **Possibility of Hazardous**

**Reactions** None under normal processing.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

Strong oxidizing agents. Strong acids. Strong bases.

**Hazardous Decomposition Products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information****Inhalation**

Specific test data for the substance or mixture is not available. Harmful if inhaled. May cause irritation of respiratory tract. (based on components).

**Eye contact**

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.

**Skin contact**

Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.

**Ingestion**

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).

**Component Information**

| Chemical Name                        | Oral LD50            | Dermal LD50 | Inhalation LC50                      |
|--------------------------------------|----------------------|-------------|--------------------------------------|
| Sodium carbonate 497-19-8            | = 4090 mg/kg ( Rat ) | -           | = 2300 mg/m <sup>3</sup> ( Rat ) 2 h |
| Sodium carbonate peroxide 15630-89-4 | = 1034 mg/kg ( Rat ) | -           | -                                    |

**Information on toxicological effects****Symptoms**

Erythema (skin redness). May cause blindness. Burning. Itching. Rashes. Hives.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Sensitization**

May cause sensitization of susceptible persons. May cause sensitization by skin contact.

**Mutagenic Effects**

No information available.

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name                                       | ACGIH | IARC    | NTP | OSHA |
|---|-------|---------|-----|------|
| Silica, amorphous, precipitated and gel 112926-00-8 |       | Group 3 |     |      |

**IARC (International Agency for Research on Cancer)**

*Group 3 - Not Classifiable as to Carcinogenicity in Humans*

|                                       |   |
|---------------------------------------|---|
| <b>Reproductive toxicity</b>          | Contains a known or suspected reproductive toxin.   |
| <b>STOT - single exposure</b>         | No information available.   |
| <b>STOT - repeated exposure</b>       | No information available.   |
| <b>Chronic Toxicity</b>               | Contains a known or suspected reproductive toxin. Possible risk of irreversible effects. Carcinogenic potential is unknown. |
| <b>Target Organ Effects</b>           | Eyes. Skin. Reproductive System.  |
| <b>Aspiration Hazard</b>              | No information available.   |
| <b>Numerical measures of toxicity</b> | <b>Product Information</b>  |

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)**

1,341.00 mg/kg

**ATEmix (inhalation-dust/mist)**

2.49 mg/l

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Toxic to aquatic life with long lasting effects.

| Chemical Name                           | Toxicity to Algae                                    | Toxicity to Fish  | Toxicity to Microorganisms | Daphnia Magna (Water Flea)     |
|---|--|---|----------------------------|--------------------------------|
| Sodium carbonate<br>497-19-8            | 120h EC50: = 242 mg/L<br>(Nitzschia)                 | 96h LC50: = 300 mg/L<br>(Lepomis macrochirus) 96h<br>LC50: 310 - 1220 mg/L<br>(Pimephales promelas) |                            | 48h EC50: = 265 mg/L           |
| Sodium carbonate peroxide<br>15630-89-4 | 240h EC50: = 70 mg/L<br>(Chlorella emersonii)        | 96h LC50: = 70.7 mg/L<br>(Pimephales promelas)  |                            | 48h EC50: = 4.9 mg/L           |
| Sodium citrate 68-<br>04-2              | 96h EC50: 18000 - 32000<br>mg/L (Chlorella vulgaris) | 96h LC50: 18000 - 32000<br>mg/L (Poecilia reticulata)   | EC50 1800 - 3200 mg/L 8 h  | 48h EC50: 5600 - 10000<br>mg/L |

**Persistence and Degradability**

No information available.

**Bioaccumulation**

No information available

**Other adverse effects**

No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods****Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging**

Do not reuse empty containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name                        | California Hazardous Waste |
|--------------------------------------|----------------------------|
| Sodium carbonate 497-19-8            | Corrosive                  |
| Sodium carbonate peroxide 15630-89-4 | Ignitable                  |

**14. TRANSPORT INFORMATION**

**DOT**  
 Proper Shipping Name: NOT REGULATED  
 Hazard Class: NON REGULATED  
 N/A

**TDG**: Not regulated

**MEX**: Not regulated

**ICAO**: Not regulated

**IATA**  
 Proper Shipping Name: NOT REGULATED  
 Hazard Class: N/A

**IMDG/IMO**  
 Hazard Class: Not regulated  
 N/A

**RID**: Not regulated

**ADR**: Not regulated

**ADN**: Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA: Complies  
 DSL: All components are listed either on the DSL or NDSL.  
 TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|                                   |     |
|-----------------------------------|-----|
| Acute Health Hazard               | Yes |
| Chronic Health Hazard             | Yes |
| Fire Hazard                       | No  |
| Sudden release of pressure hazard | No  |
| Reactive Hazard                   | No  |



**CWA (Clean Water Act)**

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)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical Name  | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|--|------------|---------------|--------------|--------------|----------|
| Silica, amorphous, precipitated and gel<br>112926-00-8 | X          | X             | X            |              |          |

**International Regulations**

| Component  | Carcinogen Status | Exposure Limits                  |
|--|-------------------|----------------------------------|
| Silica, amorphous, precipitated and gel<br>112926-00-8 ( 1 - 5 ) |                   | Mexico: TWA 10 mg/m <sup>3</sup> |

**Canada**

**WHMIS Hazard Class**

Not determined

**16. OTHER INFORMATION**

|             |                           |                       |                          |   |
|-------------|---------------------------|-----------------------|--------------------------|---|
| <b>NFPA</b> | <b>Health Hazards 3</b>   | <b>Flammability 0</b> | <b>Instability 0</b>     | <b>Physical and Chemical Hazards - Personal Protection</b><br>X |
| <b>HMIS</b> | <b>Health Hazards 3 *</b> | <b>Flammability 0</b> | <b>Physical Hazard 0</b> |   |

**Chronic Hazard Star Legend** \* = Chronic Health Hazard

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Address & Contact Updated





**Disclaimer**

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**