

Safety Data Sheet

Issue date: 3/22/17

Revision Date: none

Revision Number: 1

Section 1:

Product Identification and Manufacturer Information

Product Identifier

Product Name: Boulder Clean Natural Dishwasher Detergent Power Packs, Citrus Zest
(Consumer (retail) use only)

Other means of Identification

Synonyms: None

Recommended use of the product and restrictions on use

Recommended Use: Machine dishwasher detergent
Restrictions on use: No information available

Details of the Manufacturer

Supplier Name: 1908 Brands, Inc
Supplier Address: 2100 Central Ave, Suite 201
Boulder, CO 80301
Supplier Phone Number: 720-204-3042
Supplier E-mail contact: carly@1908brands.com
Emergency Phone Number: 720-375-6981

Section 2:

Hazards Identification

Classification

This product is considered to be non-hazardous.

This product is a consumer product. To the extent the product is used in a fashion typical to that of a consumer, protective measures, with the exception of those indicated on the label, are not normally necessary. Where use conditions and/or extent and duration of exposure differ from typical consumer use, however, appropriate protective measures to prevent eye and prolonged skin contact (glasses, goggles, rubber gloves, protective clothing) and minimize inhalation exposure (engineering controls, NIOSH-approved respiratory protection appropriate for the hazard presented) are recommended. "Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:

GHS Classification:

Skin Irritation – Category 2
Eye Irritation – Category 2A
Acute toxicity – Category 4

Signal Word

Warning

Symbol



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Hazard Statement

Causes skin irritation

Causes serious eye irritation

Precautionary Statements – Prevention

Keep out of reach of children and pets.

May be harmful if swallowed

May cause respiratory irritation.

Wash exposed areas thoroughly after handling.

Wear protective gloves/eye protection/face protection.

If on skin: Wash with plenty of water.

If skin irritation occurs: Get medical attention.

Take off contaminated clothing and wash it before reuse.

If in eyes: Rinse cautiously with water for several minutes.

If eye irritation persists: Get medical attention.

Eyes

Flush with water for several minutes. Remove contact lenses if applicable. Continue rinsing. If irritation persists, seek medical attention.

Skin

Rinse with water for several minutes. Remove contaminated clothing and wash before reuse. If irritation persists, seek medical attention.

Precautionary Statements – Disposal

None

Hazards not otherwise classified (HNOC)

None

Unknown toxicity

Not applicable

Other Information

Not applicable

Interactions with Other Chemicals

None known

Section 3: Composition/Information on Ingredients

| Chemical Name | CAS No. | Weight % | Trade Secret |
|------------------------------|-------------|----------|--------------|
| Sodium Carbonate | 497-19-8 | 20-30% | * |
| Sodium Sulfate | 7757-82-6 | 20-30% | * |
| Sodium Aluminoglucarate | proprietary | 20-30% | * |
| Sodium Percarbonate | 15630-89-4 | 15-25% | * |
| Nonionic Surfactant | proprietary | 5-10% | * |
| Tetraacetyl ethylene diamine | proprietary | 5-10% | * |
| Enzyme Solution | 9014-01-1 | 1-3% | * |
| Sodium Metasilicate | 6834-92-0 | 1-3% | * |

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

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| Section 4: | FIRST AID MEASURES |
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First Aid Measures

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| Skin: | Flush with water. Wash with water. Obtain medical attention if irritation persists. Wash contaminated clothing well before reuse. |
| Eyes: | Immediately flush with water for 15 minutes. Remove contact lenses, if applicable, and continue rinsing. Obtain medical attention if irritation persists. |
| Ingestion: | Do not induce vomiting. Rinse mouth with water, and then drink one glass of water. Never give anything by mouth if victim is unconscious. Obtain medical attention |
| Inhalation: | Not a normal route of exposure. If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. |
| Most important symptoms: | Causes skin burns and eye damage. Harmful if in contact with skin, if inhaled, or if swallowed. |
| Immediate medical attention: | Immediately call a poison center/doctor if inhaled or swallowed. |

Most important symptom and effects, both acute and delayed

Burning sensation

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically

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|-------------------|-------------------------------|
| Section 5: | FIRE FIGHTING MEASURES |
|-------------------|-------------------------------|

Suitable Extinguishing Media

Use measures appropriate to the surrounding environment

Unsuitable extinguishing media

Use of water spray may be insufficient, water spray, carbon dioxide, alcohol foam.

Specific Hazards arising from product

None known

Hazardous combustion Products

Hazardous combustion products may include, but are not limited to, oxides of carbon.

Protective equipment and precautions for firefighter

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

Explosion Sensitivity

None

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| Section 6: | ACCIDENTAL RELEASE MEASURES |
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Personal precautions, protective equipment and emergency procedures

Personal Precautions

Safety glasses and gloves are recommended for extended exposure.

Methods and materials for spill containment and cleaning up

Small spills may be absorbed with inert absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways.

Section 7: HANDLING AND STORAGE

Precautions for safe handling

Handling

Handle in accordance with good hygiene and safety practices. Avoid contact with eyes.

Precautions for safe storage, including any incompatibilities

Storage

Keep out of reach of children and pets. Store in closed container in a dry, cool and well ventilated place. Store locked up in a corrosive resistant container with a resistant inner liner in a well-ventilated place. Keep container tightly closed. Keep only in original container.

Incompatibilities

None known

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines and limits

Product does not contain any hazardous materials with occupational exposure limits.

Appropriate Engineering Controls

Workplace Engineering Measures

Showers, eyewash stations, ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection

None required for consumer use.

Skin and Body Protection

None required for consumer use. Rubber gloves for prolonged exposure

Respiratory Protection

None required for consumer use. General ventilation normally adequate.

Hygiene Measures

Handle in accordance with good hygiene practices. Avoid excessive contact. Do not eat, drink, or smoke when using this or similar products.

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| Section 9: | | PHYSICAL AND CHEMICAL PROPERTIES | |
|-------------------------------|-------------------------|----------------------------------|----------------|
| Appearance: | Powder packet | | |
| Odor: | Citrus | Odor threshold: | Not determined |
| Color: | Off white to white | | |
| pH: | 11 (1g/100ml) | Melting point: | Not determined |
| Boiling point / range: | Not determined | Flash Point | Not determined |
| Evaporation rate: | Not determined | Flammability (solid, gas) | Not determined |
| Vapor Pressure: | Not determined | Upper Flammability Limits | Not determined |
| Vapor Density: | As Water | Lower Flammability Limits | Not determined |
| Specific Gravity: | 1.03 g/ml | Upper Explosion Limits | Not determined |
| Solubility in water: | Highly soluble in water | Lower Explosion Limits | Not determined |
| Partition coefficient: | Not determined | Decomposition Temperature | Not determined |
| Viscosity | Not determined | Freezing Point | As water |
| VOC Content | 0 | | |

| Section 10: | | STABILITY AND REACTIVITY | |
|--|--|--------------------------|--|
| Reactivity No data available, none expected | | | |
| Chemical Stability Stable | | | |
| Possibility of Hazardous Reactions None under normal processing. Hazardous polymerization does NOT occur | | | |
| Conditions to Avoid None known | | | |
| Incompatible Materials Strong acids | | | |
| Hazardous Decomposition Products None | | | |

| Section 11: | | TOXICOLOGICAL INFORMATION | |
|---|--|---------------------------|--|
| Information on likely routes of exposure | | | |
| Inhalation | Not an expected route of exposure. No specific data. | | |
| Eye Contact | No specific data. May cause slight eye irritation. | | |
| Skin Contact | No specific data. Prolonged exposure may cause slight irritation. | | |
| Ingestion | No specific data. May cause gastrointestinal irritation, nausea, vomiting, diarrhea. | | |
| Symptoms related to physical, chemical and toxicological characteristics | | | |
| Erythema (skin redness). May cause eye tearing and redness. | | | |

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Delayed, immediate and chronic effects from short and long term exposure

Erythema (skin redness). May cause eye tearing and redness.

Sensitization

No information available

Mutagenic Effects

No information available

Reproductive Toxicity

No information available

Aspiration Hazard

No information available

Carcinogenicity

No ingredient listed by NTP, IARC or OSHA

Numeric measure of toxicity

No information available

Section 12: ECOLOGICAL INFORMATION

| Chemical Name | Daphnid (mg/L) | Fathead Minnow (mg/L) |
|----------------------------------|-----------------------|------------------------------|
| Sodium carbonate | 227 | 850 |
| Sodium percarbonate | 4.9 | 71 |
| Sodium silicate | 247 | Not available |
| <i>Riose</i> ® Detergent Builder | 417 | 1025 |
| Enzymes | >100 | >100 |
| Alcohol Alkoxylate | >100 | Not available |
| Sodium polyacrylate | >1000 | >1000 |

Ecotoxicity

Not fully investigated

Persistence and Degradability

Biodegradable

Bioaccumulation

No information available

Mobility in Soil

No information available

Other Adverse Effects

No information available

Section 13: DISPOSAL CONSIDERATIONS

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| Disposal method | Dispose of in accordance with local/state/provincial and federal regulations. |
| California Hazardous Waste Codes | No information available |

Section 14: TRANSPORT INFORMATION

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|-----------------------------|---------------|------------------------------------|---------------|
| <u>DOT</u> | | <u>TDG</u> | NOT REGULATED |
| Proper shipping name | NOT REGULATED | <u>MEX</u> | NOT REGULATED |
| Technical name | NON REGULATED | <u>ICAO</u> | NOT REGULATED |
| Hazard Class | N/A | <u>IATA</u> | |
| Hazard subclass | | <u>Proper shipping name</u> | NON REGULATED |
| UN Number | | <u>Hazard Class</u> | N/A |
| Packaging Group | | <u>IMDG/IMO</u> | NOT REGULATED |
| | | <u>RID</u> | NOT REGULATED |
| | | <u>ADR</u> | NOT REGULATED |
| | | <u>AND</u> | |

| | |
|--|---|
| Section 15: | REGULATORY INFORMATION |
| <u>TSCA</u> | All components listed |
| <u>DSL/NDSL</u> | All components listed |
| <u>SARA 313</u> | No components require reporting |
| <u>SARA 311/312 Hazard categories</u> | |
| Acute Health Hazard | No |
| Chronic Health Hazard | No |
| Fire Hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |
| <u>CWA (Clean Water Act)</u> | No components regulated as pollutants |
| <u>CERCLA</u> | No hazardous components |
| <u>WHMIS Classification:</u> | Non-controlled |
| <u>California Prop 65</u> | No listed components |
| <u>Other State Regulations</u> | N/A |
| | This product complies with the inventory requirements of the U.S. Toxic Substances Control Act (TSCA) |

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| Section 16: | OTHER INFORMATION |
| Created in accordance with the OSHA's implementation of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). | |
| <u>NFPA</u> | |
| Health Hazards: 1 | Flammability: 0 |
| Instability: 0 | Physical/Chemical Protection: X |
| <u>HMIS</u> | |
| Health Hazards: 1 | Flammability: 0 |
| Physical Hazard: 0 | Physical/Chemical Protection: X |
| <i>The information provided has been adapted from the manufacturer ingredient supplied SDS. The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from use of SDS information.</i> | |
| <u>Prepared By:</u> C. Marriott 1908 Brands | |
| <u>Revision Date:</u> | |

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