SAFETY DATA SHEET

Issuing Date 21-Aug-2017

Revision Date 1-Feb-2024

Revision Number 2

NGHS / English



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1. IDENTIFICATION

Product identifier **Product Name** Grab Green 3 in 1 Laundry Detergent Pods Fragrance Free Other means of identification Product Code(s) 1304215 Recommended use of the chemical and restrictions on use **Recommended Use** Laundry Detergent **Restrictions on use** Use only as directed on label Details of the supplier of the safety data sheet **Supplier Identification** MaddieBrit Products, LLC 370 N. Westlake Blvd. Address Suite 230 Westlake Village CA 91362 US Telephone 818-483-0103 Fax:805-419-2009

E-mail pspencer@maddiebritproducts.com

Emergency telephone number

Company Emergency Phone	888-841-4722
Number	

2. HAZARDS IDENTIFICATION



Classification

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Respiratory sensitization	Category 1

Appearance White

Physical state Solid

Odor Characteristic

GHS Label elements, including precautionary statements

Danger

Hazard statements

Harmful if swallowed Causes severe skin burns and eye damage May cause allergy or asthma symptoms or breathing difficulties if inhaled



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Do not breathe dusts or mists Wear protective gloves/protective clothing/eye protection/face protection In case of inadequate ventilation wear respiratory protection **Precautionary Statements - Response** Immediately call a POISON CENTER or doctor Specific treatment (see supplemental first aid instructions on this label) Eves 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 Skin IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower Wash contaminated clothing before reuse Inhalation IF INHALED: Remove person to fresh air and keep comfortable for breathing Immediately call a POISON CENTER or doctor Indestion IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell Rinse mouth

Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up



Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other information

May be harmful if swallowed. Toxic to aquatic life.

Unknown acute toxicity

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

<u>Mixture</u>

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Sodium carbonate peroxide	15630-89-4	30.00-20.00	-	-
Sodium carbonate	497-19-8	25.00-18.00	-	-
Sodium bicarbonate	144-55-8	20.00-10.00		
Sodium metasilicate pentahydrate	10213-79-3	4.00-3.00	-	-
Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts	68081-81-2	3.00-1.00	-	-
C9-11 pareth-6	68439-46-3	3.00-1.00	-	-
Citric acid	77-92-9	3.00-1.00	-	-
Silica, amorphous, precipitated and gel	112926-00-8	3.00-1.00	-	-
Subtilisin	9014-01-1	<1	-	-
Lipase, triacylglycerol	9001-62-1	<1	-	-
Amylase, .alpha	9000-90-2	<1	-	-
Sodium sulfate	7757-82-6	<1	-	-
Diaml soidum sulfcuccinate	922-80-5	<1	-	-
Polyvinyl Alcohol	Proprietary	<1	-	-

4. FIRST AID MEASURES

Description of first aid measures

General advice

Inhalation

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

Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur. Get immediate medical



	advice/attention. May cause allergic respiratory reaction. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.
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. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get immediate medical advice/attention. May cause an allergic skin reaction.
Ingestion	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention. May produce an allergic reaction.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. See section 8 for more information.
Most important symptoms and effe	ects, both acute and delayed
Symptoms	Burning sensation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Coughing and/ or wheezing. Itching. Rashes. Hives.
Indication of any immediate medic	al attention and special treatment needed
Note to physicians	Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. May cause sensitization in susceptible persons. Treat symptomatically.
	5. FIRE-FIGHTING MEASURES
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

	5
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors. Product is or contains a sensitizer. May cause sensitization by inhalation and skin contact.
Hazardous Combustion Products	Carbon oxides.
Explosion Data Sensitivity to Mechanical Impac Sensitivity to Static Discharge	t None. None.
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Attention! Corrosive material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
Other Information	Refer to protective measures listed in Sections 7 and 8.
Methods and material for containm	ent 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

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Provide extract ventilation to points where emissions occur. Remove contaminated clothing and shoes.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Protect from moisture. Store locked up. Store away from other materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical name		ACGIH T	LV	0	SHA PEL		NIOSH IDLH	
Silica, amorphous, precip	itated	-		(vacated)) TWA: 6 mg/m ³			
and gel								
112926-00-8								
Subtilisin		Ceiling: 0.0000		(vacated) ST	EL: 0.00006 mg/m ³	STEL	: 0.00006 mg/m ³	60 min
9014-01-1		crystalline active	e enzyme		60 min		Subtilisins	
Chemical name		Alberta	British C	Columbia	Ontario TWAE	V	Quebec	
Silica, amorphous,				4 mg/m ³			TWA: 6 mg/m	1 ³
precipitated and gel			TWA: 1.	.5 mg/m ³				
112926-00-8								
Subtilisin	Ceilin	ng: 0.00006 mg/m ³	Ceiling: 0.0	0006 mg/m ³	CEV: 0.00006 m	g/m ³	Ceiling: 0.00006 n	ng/m ³

9014-01-1				
Other Exposure Guidelin	es Vacated limi 962 (11th Ci	ts revoked by the Court of <i>i</i> r., 1992).	Appeals decision in AFL-C	IO v. OSHA, 965 F.2d
Appropriate engineering	<u>controls</u>			
Engineering controls	Showers Eyewash sta Ventilation s			
Individual protection me	asures, such as person	al protective equipment		
Eye/face protection	Face protec	tion shield.		
Hand protection	Wear suitab	le gloves. Impervious glove	S.	
Skin and body protection	N Wear suitab	le protective clothing. Long	sleeved clothing. Chemica	al resistant apron.
Respiratory protection		e equipment is needed und rirritation is experienced, ve		
General hygiene conside	skin, eyes o smoke wher including the of the workp	cordance with good industr r clothing. Wear suitable glo using this product. Remov inside, before re-use. Con lace. Regular cleaning of en before breaks and immedi	oves and eye/face protections e and wash contaminated taminated work clothing sh quipment, work area and c	on. Do not eat, drink or clothing and gloves, nould not be allowed out clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid
Appearance	White
Odor	Characteristic
Color	No information available
Odor Threshold	No data available

Property_	Values	Remarks Method
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		None known
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
Relative density	No data available	None known
Water Solubility	Soluble in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/wat	ter0	
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known



Kinematic viscosity Dynamic viscosity	No data available No data available	None known None known
Other Information Explosive properties Oxidizing properties Softening Point Molecular Weight VOC Content (%) Liquid Density Bulk Density Particle Size Particle Size Distribution	No information available No information available	
	10. STABILITY AND	REACTIVITY
Reactivity	No information available.	

Reactivity	no information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Exposure to air or moisture over prolonged periods.
Incompatible materials	Acids. Bases. Oxidizing agent.

Hazardous Decomposition Products Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. Corrosive by inhalation. (based on components). Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate. Inhaled corrosive substances can lead to a toxic edema of the lungs. Pulmonary edema can be fatal. May cause sensitization in susceptible persons.
Eye contact	Specific test data for the substance or mixture is not available. Causes burns. (based on components). Corrosive to the eyes and may cause severe damage including blindness. Causes serious eye damage. May cause irreversible damage to eyes.
Skin contact	Specific test data for the substance or mixture is not available. Corrosive. (based on components). Causes burns. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available. Causes burns. (based on components). Ingestion causes burns of the upper digestive and respiratory tracts. May cause severe burning pain in the mouth and stomach with vomiting and diarrhea of dark

blood. Blood pressure may decrease. Brownish or yellowish stains may be seen around the mouth. Swelling of the throat may cause shortness of breath and choking. May cause lung damage if swallowed. May be fatal if swallowed and enters airways. May cause additional affects as listed under "Inhalation".

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

Redness. Burning. May cause blindness. Coughing and/ or wheezing. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing.

Numerical measures of toxicity

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document ATEmix (oral) 1,786.90 mg/kg ATEmix (inhalation-dust/mist) 18.59 mg/L

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium carbonate peroxide	= 1034 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Sodium carbonate	= 4090 mg/kg (Rat)	-	-
Sodium metasilicate pentahydrate	= 847 mg/kg (Rat)	-	-
C9-11 pareth-6	= 1400 mg/kg (Rat)= 1378 mg/kg (Rat)	> 2 g/kg (Rabbit)	-
Citric acid	= 3 g/kg (Rat) = 3000 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Subtilisin	= 3700 mg/kg (Rat)	-	-
Amylase, .alpha	> 7500 mg/kg (Rat)	-	-

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

Skin corrosion/irritation	Classification based on data available for ingredients. Causes burns.	
Serious eye damage/eye irritation	Classification based on data available for ingredients. Risk of serious damage to eyes. Causes burns.	
Respiratory or skin sensitization	May cause sensitization by inhalation.	
Germ cell mutagenicity	No information available.	
Carcinogenicity	No information available.	

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	-	-

Legend

IARC (International Agency for Research on Cancer) Group 3 - Not Classifiable as to Carcinogenicity in Humans



Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Sodium carbonate peroxide	240h EC50: = 70 mg/L (Chlorella emersonii)	96h LC50: = 70.7 mg/L (Pimephales promelas)	-	48h EC50: = 4.9 mg/L (Daphnia pulex)
Sodium carbonate	120h EC50: = 242 mg/L (Nitzschia)	96h LC50: 310 - 1220 mg/L (Pimephales promelas) 96h LC50: = 300 mg/L (Lepomis macrochirus)	-	48h EC50: = 265 mg/L (Daphnia magna)
Citric acid	-	96h LC50: = 1516 mg/L (Lepomis macrochirus)	-	72h EC50: = 120 mg/L (Daphnia magna)
Sodium metasilicate	-	96h LC50: = 210 mg/L (Brachydanio rerio)	-	96h EC50: = 216 mg/L (Daphnia magna)

Persistence and Degradability

No information available.

Bioaccumulation

Component Information

Chemical name	Log Pow
Citric acid	-1.72

Mobility

No information available.

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods	
Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.
California Waste Codes	561

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 peroxide 15630-89-4	Ignitable
Sodium carbonate 497-19-8	Corrosive

14. TRANSPORT INFORMATION

DOT Proper Shipping Name Hazard Class	NOT REGULATED NON-REGULATED N/A
<u>TDG</u>	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA Proper Shipping Name Hazard Class	Not regulated NON REGULATED N/A
IMDG/IMO Hazard Class	Not regulated N/A
<u>RID</u>	Not regulated
ADR	Not regulated
ADN_	Not regulated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

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

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

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, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Citric acid 77-92-9			RQ Section number 180.950

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Silica, amorphous, precipitated and gel 112926-00-8	Х	X	Х		

16. OTHER INFORMATION					
NFPA	Health hazards 3	Flammability	0	Instability 0	Physical and Chemical Properties -
HMIS Chronic Hazard Star Lege	Health hazards 3 * nd *= Chronic	Flammability Health Hazard	0	Physical hazards 0	Personal Protection X



Prepared By	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501
Issuing Date	21-Aug-2017
Revision Date	1 Feb 2024
Revision Note	Address & Contact Update

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 21-Aug-2017

Revision Date 02 Feb 20224

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1.	IDENTI	FICATION

Product identifier	
Product Name	Grab Green 3 in 1 Laundry Detergent Pods Gardenia
Other means of identification	
Product Code(s)	1304215
Recommended use of the chemica	al and restrictions on use
Recommended Use	Laundry Detergent (Packs)
Restrictions on use	Use only as directed on label
Details of the supplier of the safety	y data sheet
Supplier Identification	MaddieBrit Products, LLC
Address	370 N. Westlake Blvd. Suite 230 Westlake Village CA 91362 US
Telephone	818-483-0103 Fax:805-419-2009
E-mail	pspencer@maddiebritproducts.com
Emergency telephone number	
Company Emergency Phone Number	888-841-4722

2. HAZARDS IDENTIFICATION



Classification

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Respiratory sensitization	Category 1

Appearance White

Physical state Solid

Odor Characteristic

GHS Label elements, including precautionary statements

Danger

Hazard statements

Harmful if swallowed Causes severe skin burns and eye damage May cause allergy or asthma symptoms or breathing difficulties if inhaled



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Do not breathe dusts or mists Wear protective gloves/protective clothing/eye protection/face protection In case of inadequate ventilation wear respiratory protection **Precautionary Statements - Response** Immediately call a POISON CENTER or doctor Specific treatment (see supplemental first aid instructions on this label) Eves 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 Skin IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower Wash contaminated clothing before reuse Inhalation IF INHALED: Remove person to fresh air and keep comfortable for breathing Immediately call a POISON CENTER or doctor Indestion IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell Rinse mouth

Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up



Precautionary Statements - Disposal Dispose of contents/container to an approved waste disposal plant

Other information

May be harmful if swallowed. Toxic to aquatic life.

Unknown acute toxicity

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Sodium carbonate peroxide	15630-89-4	30.00-20.00	-	-
Sodium carbonate	497-19-8	25.00-18.00	-	-
Sodium bicarbonate	144-55-8	20.00-10.00		
Sodium metasilicate pentahydrate	10213-79-3	4.00-3.00	-	-
Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts	68081-81-2	3.00-1.00	-	-
C9-11 pareth-6	68439-46-3	3.00-1.00	-	-
Citric acid	77-92-9	3.00-1.00	-	-
Silica, amorphous, precipitated and gel	112926-00-8	3.00-1.00	-	-
Fragrance - Gardenia: Skin irritant 2, Eye damage 1, Skin sensitization 1, Carcinogen 1A, reproductive toxin 2, Aquatic acute 2, Aquatic Chronic 2	FRAGRANCE	3:00-1:00		
Subtilisin	9014-01-1	<1	-	-
Lipase, triacylglycerol	9001-62-1	<1	-	-
Amylase, .alpha	9000-90-2	<1	-	-
Sodium sulfate	7757-82-6	<1	-	-
Diaml soidum sulfcuccinate	922-80-5	<1	-	-
Polyvinyl Alcohol	Proprietary	<1	-	-

4. FIRST AID MEASURES

Description of first aid measures

General advice	Show this safety data sheet to the doctor in attendance. Immediate medical attention is
Inhalation	required. Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur. Get immediate medical advice/attention. May cause allergic respiratory reaction. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.
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. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get immediate medical advice/attention. May cause an allergic skin reaction.
Ingestion	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention. May produce an allergic reaction.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. See section 8 for more information.
Most important symptoms and effe	cts, both acute and delayed
Symptoms	Burning sensation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Coughing and/ or wheezing. Itching. Rashes. Hives.
Indication of any immediate medica	al attention and special treatment needed
Note to physicians	Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. May cause sensitization in susceptible persons. Treat symptomatically.
	5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors. Product is or contains a sensitizer. May cause sensitization by inhalation and skin contact.
Hazardous Combustion Products	Carbon oxides.



Explosion Data

Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Attention! Corrosive material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.	
Other Information	Refer to protective measures listed in Sections 7 and 8.	
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

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Provide extract ventilation to points where emissions occur. Remove contaminated clothing and shoes.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Protect from moisture. Store locked up. Store away from other materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Silica, amorphous, precipitated and gel 112926-00-8	-	(vacated) TWA: 6 mg/m ³	



Subtilisin 9014-01-1	Ceiling: 0.0000 crystalline active			· · · ·	EL: 0.00006 mg/m ³ 60 min	STEL:	: 0.00006 mg/m ³ Subtilisins	60 min
Chemical name	Alberta		British C	Columbia	Ontario TWAE	V	Quebec	
Silica, amorphous, precipitated and gel 112926-00-8				l mg/m ³ 5 mg/m ³			TWA: 6 mg/	m ³
Subtilisin 9014-01-1	Ceilin	g: 0.00006 mg/m ³	Ceiling: 0.0	0006 mg/m ³	CEV: 0.00006 mg	g/m³	Ceiling: 0.00006	mg/m ³

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 controls	Showers
	Eyewash stations
	Ventilation systems.

Individual protection measures, such as personal protective equipment

- **Eye/face protection** Face protection shield.
- Hand protection Wear suitable gloves. Impervious gloves.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid	
Appearance	White	
Odor	Characteristic	
Color	No information available	
Odor Threshold	No data available	
Property_	Values	Remarks Method
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		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	



Vapor processo	No data available	None known
Vapor pressure		
Vapor density	No data available	None known
Relative density	No data available	None known
Water Solubility	Soluble in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/wat	er0	
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Other Information		
Explosive properties	No information available	
Oxidizing properties	No information available	
Softening Point	No information available	
Molecular Weight	No information available	
VOC Content (%)	No information available	
Liquid Density	No information available	
Bulk Density	No information available	
Particle Size	No information available	
Particle Size Distribution	No information available	

10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Exposure to air or moisture over prolonged periods.
Incompatible materials	Acids. Bases. Oxidizing agent.

Hazardous Decomposition Products Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. Corrosive by inhalation. (based on components). Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate. Inhaled corrosive substances can lead to a toxic edema of the lungs. Pulmonary edema can be fatal. May cause sensitization in susceptible persons.
Eye contact	Specific test data for the substance or mixture is not available. Causes burns. (based on components). Corrosive to the eyes and may cause severe damage including blindness. Causes serious eye damage. May cause irreversible damage to eyes.

Skin contact	Specific test data for the substance or mixture is not available. Corrosive. (based on components). Causes burns. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available. Causes burns. (based on components). Ingestion causes burns of the upper digestive and respiratory tracts. May cause severe burning pain in the mouth and stomach with vomiting and diarrhea of dark blood. Blood pressure may decrease. Brownish or yellowish stains may be seen around the mouth. Swelling of the throat may cause shortness of breath and choking. May cause lung damage if swallowed. May be fatal if swallowed and enters airways. May cause additional affects as listed under "Inhalation".
Symptoms related to the physical,	chemical and toxicological characteristics
Symptoms	Redness. Burning. May cause blindness. Coughing and/ or wheezing. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing.
Numerical measures of toxicity	

Acute Toxicity

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

ATEmix (oral)	1,786.90 mg/kg
ATEmix (inhalation-dust/mist)	18.59 mg/L

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium carbonate peroxide	= 1034 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Sodium carbonate	= 4090 mg/kg (Rat)	-	-
Sodium metasilicate pentahydrate	= 847 mg/kg (Rat)	-	-
C9-11 pareth-6	= 1400 mg/kg (Rat)= 1378 mg/kg (Rat)	> 2 g/kg (Rabbit)	-
Citric acid	= 3 g/kg (Rat) = 3000 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Subtilisin	= 3700 mg/kg (Rat)	-	-
Amylase, .alpha	> 7500 mg/kg (Rat)	-	-

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

Skin corrosion/irritation	Classification based on data available for ingredients. Causes burns.	
Serious eye damage/eye irritation	Classification based on data available for ingredients. Risk of serious damage to eyes. Causes burns.	
Respiratory or skin sensitization	May cause sensitization by inhalation.	
Germ cell mutagenicity	No information available.	
Carcinogenicity	No information available.	

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	-	-
Legend				

IARC (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Sodium carbonate peroxide	240h EC50: = 70 mg/L (Chlorella emersonii)	96h LC50: = 70.7 mg/L (Pimephales promelas)	-	48h EC50: = 4.9 mg/L (Daphnia pulex)
Sodium carbonate	120h EC50: = 242 mg/L (Nitzschia)	96h LC50: 310 - 1220 mg/L (Pimephales promelas) 96h LC50: = 300 mg/L (Lepomis macrochirus)	-	48h EC50: = 265 mg/L (Daphnia magna)
Citric acid	-	96h LC50: = 1516 mg/L (Lepomis macrochirus)	-	72h EC50: = 120 mg/L (Daphnia magna)
Sodium metasilicate	-	96h LC50: = 210 mg/L (Brachydanio rerio)	-	96h EC50: = 216 mg/L (Daphnia magna)

Persistence and Degradability No information available.

Bioaccumulation

Component Information

Chemical name	Log Pow	
Citric acid	-1.72	

Mobility

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.



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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 peroxide 15630-89-4	Ignitable
Sodium carbonate 497-19-8	Corrosive

14. TRANSPORT INFORMATION

DOT Proper Shipping Name Hazard Class	NOT REGULATED NON-REGULATED N/A
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA Proper Shipping Name Hazard Class	Not regulated NON REGULATED N/A
IMDG/IMO Hazard Class	Not regulated N/A
<u>RID</u>	Not regulated
ADR_	Not regulated
ADN_	Not regulated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories	
TSCA	
DSL/NDSL	

Contact supplier for inventory compliance status. Contact supplier for inventory compliance status.



EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

- PICCS Philippines Inventory of Chemicals and Chemical Substances
- AICS Australian Inventory of Chemical Substances

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

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

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, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Citric acid 77-92-9			RQ Section number 180.950

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Silica, amorphous, precipitated and gel 112926-00-8	Х	Х	Х		



16. OTHER INFORMATION

NFPA	Health hazards 3	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS Chronic Hazard Star Lege	Health hazards 3 * and *= Chronic	Flammability 0 Health Hazard	Physical hazards 0	Personal Protection X
Prepared By				
Issuing Date	21-Aug-20)17		
Revision Date	2 Feb 202	4		
Revision Note	Address &	Contact Update		

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 21-Aug-2017

Revision Date 02 Feb 2024

Revision Number 1

NGHS / English



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1. IDENTIFICATION

Product identifier			
Product Name	Grab Green 3 in 1 Laundry Detergent Pods Lavender with Vanilla		
Other means of identification			
Product Code(s)	1304215		
Recommended use of the chemica	al and restrictions on use		
Recommended Use	Laundry Detergent		
Restrictions on use	Use only as directed on label		
Details of the supplier of the safety data sheet			
Supplier Identification	MaddieBrit Products, LLC		
Address	370 N. Westlake Blvd. Suite 230 Westlake Village CA 91362 US		
Telephone	818-483-0103 Fax:805-419-2009		
E-mail	pspencer@maddiebritproducts.com		
Emergency telephone number			
Company Emergency Phone Number	888-841-4722		
2. HAZARDS IDENTIFICATION			



Classification

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Respiratory sensitization	Category 1

Appearance White

Physical state Solid

Odor Characteristic

GHS Label elements, including precautionary statements

Danger

Hazard statements

Harmful if swallowed Causes severe skin burns and eye damage May cause allergy or asthma symptoms or breathing difficulties if inhaled



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Do not breathe dusts or mists Wear protective gloves/protective clothing/eye protection/face protection In case of inadequate ventilation wear respiratory protection **Precautionary Statements - Response** Immediately call a POISON CENTER or doctor Specific treatment (see supplemental first aid instructions on this label) Eves 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 Skin IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower Wash contaminated clothing before reuse Inhalation IF INHALED: Remove person to fresh air and keep comfortable for breathing Immediately call a POISON CENTER or doctor Indestion IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell Rinse mouth

Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up



Precautionary Statements - Disposal Dispose of contents/container to an approved waste disposal plant

Other information

May be harmful if swallowed. Toxic to aquatic life.

Unknown acute toxicity

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Sodium carbonate peroxide	15630-89-4	30.00-20.00	-	-
Sodium carbonate	497-19-8	25.00-18.00	-	-
Sodium bicarbonate	144-55-8	20.00-10.00		
Sodium metasilicate pentahydrate	10213-79-3	4.00-3.00	-	-
Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts	68081-81-2	3.00-1.00	-	-
C9-11 pareth-6	68439-46-3	3.00-1.00	-	-
Citric acid	77-92-9	3.00-1.00	-	-
Silica, amorphous, precipitated and gel	112926-00-8	3.00-1.00	-	-
Fragrance – Lavender Vanilla Laundry: Skin irritant 2, Eye damage 1, Skin sensitization 1, Carcinogen 1A, reproductive toxin 2, Aquatic acute 2, Aquatic Chronic 2	FRAGRANCE	3:00-1:00		
Subtilisin	9014-01-1	<1	-	-
Lipase, triacylglycerol	9001-62-1	<1	-	-
Amylase, .alpha	9000-90-2	<1	-	-
Sodium sulfate	7757-82-6	<1	-	-
Diaml soidum sulfcuccinate	922-80-5	<1	-	
Polyvinyl Alcohol	Proprietary	<1	-	-

4. FIRST AID MEASURES

Description of first aid measures

	inhaled. Coughing and/ or wheezing. Itching. Rashes. Hives.
Symptoms	Burning sensation. May cause allergy or asthma symptoms or breathing difficulties if
Most important symptoms and effe	ects, both acute and delayed
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. See section 8 for more information.
Ingestion	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention. May produce an allergic reaction.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get immediate medical advice/attention. May cause an allergic skin reaction.
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. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
Inhalation	required. Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur. Get immediate medical advice/attention. May cause allergic respiratory reaction. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.
	Show this safety data sheet to the doctor in attendance. Immediate medical attention is

Suitable Extinguishing Media	use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors. Product is or contains a sensitizer. May cause sensitization by inhalation and skin contact.
Hazardous Combustion Products	Carbon oxides.



Explosion Data

Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Attention! Corrosive material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.	
Other Information	Refer to protective measures listed in Sections 7 and 8.	
Methods and material for containme	ent 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

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Provide extract ventilation to points where emissions occur. Remove contaminated clothing and shoes.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Protect from moisture. Store locked up. Store away from other materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Silica, amorphous, precipitated and gel 112926-00-8	-	(vacated) TWA: 6 mg/m ³	



1304215 - Grab Green 3 in 1 laundry detergent pods lavender with vanilla

Subtilisin		Ceiling: 0.0000		(vacated) ST	EL: 0.00006 mg/m ³	STEL	: 0.00006 mg/m ³	60 min
9014-01-1		crystalline active	e enzyme		60 min		Subtilisins	
Chemical name		Alberta	British C	Columbia	Ontario TWAE	V	Quebec	
Silica, amorphous, precipitated and gel 112926-00-8				l mg/m ³ 5 mg/m ³			TWA: 6 mg/	m ³
Subtilisin 9014-01-1	Ceilir	ng: 0.00006 mg/m ³	Ceiling: 0.00	0006 mg/m ³	CEV: 0.00006 mg	g/m ³	Ceiling: 0.00006	mg/m ³

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 controls	Showers
	Eyewash stations
	Ventilation systems.

Individual protection measures, such as personal protective equipment

- **Eye/face protection** Face protection shield.
- Hand protection Wear suitable gloves. Impervious gloves.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Solid	
White	
Characteristic	
No information available	
No data available	
Values	Remarks Method
No data available	None known
	None known
No data available	
No data available	
	White Characteristic No information available No data available



1304215 - Grab Green 3 in 1 laundry detergent pods lavender with vanilla

Vapor processo	No data available	None known
Vapor pressure		
Vapor density	No data available	None known
Relative density	No data available	None known
Water Solubility	Soluble in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/wa	ater0	
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Other Information		
Explosive properties	No information available	
Oxidizing properties	No information available	
Softening Point	No information available	
Molecular Weight	No information available	
VOC Content (%)	No information available	
Liquid Density	No information available	
Bulk Density	No information available	
Particle Size	No information available	
Particle Size Distribution	No information available	

10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Exposure to air or moisture over prolonged periods.
Incompatible materials	Acids. Bases. Oxidizing agent.

Hazardous Decomposition Products Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. Corrosive by inhalation. (based on components). Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate. Inhaled corrosive substances can lead to a toxic edema of the lungs. Pulmonary edema can be fatal. May cause sensitization in susceptible persons.
Eye contact	Specific test data for the substance or mixture is not available. Causes burns. (based on components). Corrosive to the eyes and may cause severe damage including blindness. Causes serious eye damage. May cause irreversible damage to eyes.

Skin contact	Specific test data for the substance or mixture is not available. Corrosive. (based on components). Causes burns. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available. Causes burns. (based on components). Ingestion causes burns of the upper digestive and respiratory tracts. May cause severe burning pain in the mouth and stomach with vomiting and diarrhea of dark blood. Blood pressure may decrease. Brownish or yellowish stains may be seen around the mouth. Swelling of the throat may cause shortness of breath and choking. May cause lung damage if swallowed. May be fatal if swallowed and enters airways. May cause additional affects as listed under "Inhalation".
Symptoms related to the p	hysical, chemical and toxicological characteristics
Symptoms	Redness. Burning. May cause blindness. Coughing and/ or wheezing. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing.

Numerical measures of toxicity

Acute Toxicity

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

ATEmix (oral)	1,786.90 mg/kg
ATEmix (inhalation-dust/mist)	18.59 mg/L

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium carbonate peroxide	= 1034 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Sodium carbonate	= 4090 mg/kg (Rat)	-	-
Sodium metasilicate pentahydrate	= 847 mg/kg (Rat)	-	-
C9-11 pareth-6	= 1400 mg/kg (Rat)= 1378 mg/kg (Rat)	> 2 g/kg (Rabbit)	-
Citric acid	= 3 g/kg (Rat)= 3000 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Subtilisin	= 3700 mg/kg (Rat)	-	-
Amylase, .alpha	> 7500 mg/kg (Rat)	-	-

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

Skin corrosion/irritation	Classification based on data available for ingredients. Causes burns.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Risk of serious damage to eyes. Causes burns.
Respiratory or skin sensitization	May cause sensitization by inhalation.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

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

1304215 - Grab Green 3 in 1 laundry detergent pods lavender with vanilla

Chemical name	ACGIH	IARC	NTP	OSHA
Silica, amorphous,	-	Group 3	-	-
precipitated and gel				
112926-00-8				
Legend	wanay far Daaarah an	Canaar		
IARC (International A	gency for Research on	Cancer)		
Group 3 - Not Classifia	able as to Carcinogenicity	in Humans		
Reproductive toxicity	No informati	on available.		
STOT - single exposure No information available.				
STOT - repeated exposure No information available.				
Aspiration hazard	No informati	on available.		

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Sodium carbonate peroxide	240h EC50: = 70 mg/L (Chlorella emersonii)	96h LC50: = 70.7 mg/L (Pimephales promelas)	-	48h EC50: = 4.9 mg/L (Daphnia pulex)
Sodium carbonate	120h EC50: = 242 mg/L (Nitzschia)	96h LC50: 310 - 1220 mg/L (Pimephales promelas) 96h LC50: = 300 mg/L (Lepomis macrochirus)	-	48h EC50: = 265 mg/L (Daphnia magna)
Citric acid	-	96h LC50: = 1516 mg/L (Lepomis macrochirus)	-	72h EC50: = 120 mg/L (Daphnia magna)
Sodium metasilicate	-	96h LC50: = 210 mg/L (Brachydanio rerio)	-	96h EC50: = 216 mg/L (Daphnia magna)

Persistence and Degradability No information available.

Bioaccumulation

Component Information

	Chemical name	Log Pow
	Citric acid	-1.72
Mobility	No information available.	

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.



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Contaminated packaging

Do not reuse empty containers.

California V	Vaste C	odes
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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 peroxide 15630-89-4	Ignitable
Sodium carbonate 497-19-8	Corrosive

14. TRANSPORT INFORMATION

DOT Proper Shipping Name Hazard Class	NOT REGULATED NON-REGULATED N/A
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA Proper Shipping Name Hazard Class	Not regulated NON REGULATED N/A
IMDG/IMO Hazard Class	Not regulated N/A
<u>RID</u>	Not regulated
ADR	Not regulated
ADN_	Not regulated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories	
TSCA	
DSL/NDSL	

Contact supplier for inventory compliance status. Contact supplier for inventory compliance status.



EINECS/ELINCS ENCS	Contact supplier for inventory compliance status. Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

- PICCS Philippines Inventory of Chemicals and Chemical Substances
- AICS Australian Inventory of Chemical Substances

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

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

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, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Citric acid 77-92-9			RQ Section number 180.950

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Silica, amorphous, precipitated and gel 112926-00-8	Х	Х	Х		



16. OTHER INFORMATION

<u>NFPA</u> <u>HMIS</u> Chronic Hazard Star Leger	Health hazards 3 Health hazards 3^*	Flammability Flammability pic Health Hazard	0 0	Instability 0 Physical hazards	0	Physical and Chemical Properties - Personal Protection X
Prepared By	Product 23 Britis Latham	Stewardship h American Blvd. NY 12110 72-6501				
Issuing Date	21-Aug-	2017				
Revision Date	02 Feb	2024				
Revision Note	Address	& Contact Update				

Disclaimer

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End of Safety Data Sheet



SAFETY DATA SHEET

Issuing Date 21-Aug-2017

Revision Date 1-Feb -2024

Revision Number 2

NGHS / English



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1. IDENTIFICATION		
Product identifier		
Product Name	Grab Green 3 in 1 Laundry Detergent Pods Vetiver	
Other means of identification		
Product Code(s)	1304215	
Recommended use of the chemic	cal and restrictions on use	
Recommended Use	Laundry Detergent	
Restrictions on use	Use only as directed on label	
Details of the supplier of the safe	ety data sheet	
Supplier Identification	MaddieBrit Products, LLC	
Address	370 N. Westlake Blvd. Suite 230 Westlake Village CA 91362 US	
Telephone	818-483-0103 Fax:805-419-2009	
E-mail	pspencer@maddiebritproducts.com	
Emergency telephone number		
Company Emergency Phone Number	888-841-4722	
2. HAZARDS IDENTIFICATION		

Classification

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Respiratory sensitization	Category 1

Appearance White

Physical state Solid

Odor Characteristic

GHS Label elements, including precautionary statements

Danger

Hazard statements

Harmful if swallowed Causes severe skin burns and eye damage May cause allergy or asthma symptoms or breathing difficulties if inhaled



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Do not breathe dusts or mists Wear protective gloves/protective clothing/eye protection/face protection In case of inadequate ventilation wear respiratory protection **Precautionary Statements - Response** Immediately call a POISON CENTER or doctor Specific treatment (see supplemental first aid instructions on this label) Eves 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 Skin IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower Wash contaminated clothing before reuse Inhalation IF INHALED: Remove person to fresh air and keep comfortable for breathing Immediately call a POISON CENTER or doctor Indestion IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell Rinse mouth

Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up



Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other information

May be harmful if swallowed. Toxic to aquatic life.

Unknown acute toxicity

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Sodium carbonate peroxide	15630-89-4	30.00-20.00	-	-
Sodium carbonate	497-19-8	25.00-18.00	-	-
Sodium bicarbonate	144-55-8	20.00-10.00		
Sodium metasilicate pentahydrate	10213-79-3	4.00-3.00	-	-
Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts	68081-81-2	3.00-1.00	-	-
C9-11 pareth-6	68439-46-3	3.00-1.00	-	-
Citric acid	77-92-9	3.00-1.00	-	-
Silica, amorphous, precipitated and gel	112926-00-8	3.00-1.00	-	-
Fragrance - Vetiver: Skin irritant 2, Skin sensitizer 1, Reproductive toxin 2, Aquatic acute and chronic 2	FRAGRANCE	3:00-1:00		
Subtilisin	9014-01-1	<1	-	-
Lipase, triacylglycerol	9001-62-1	<1	-	-
Amylase, .alpha	9000-90-2	<1	-	-
Sodium sulfate	7757-82-6	<1	-	-
Diaml soidum sulfcuccinate	922-80-5	<1	-	-
Polyvinyl Alcohol	Proprietary	<1	-	-

4. FIRST AID MEASURES

Description of first aid measures

General advice

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



1304215 - Grab Green 3 in 1 laundry detergent pods vetiver

Inhalation	Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur. Get immediate medical advice/attention. May cause allergic respiratory reaction. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.
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. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get immediate medical advice/attention. May cause an allergic skin reaction.
Ingestion	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention. May produce an allergic reaction.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. See section 8 for more information.
Most important symptoms and effe	cts, both acute and delayed
Symptoms	Burning sensation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Coughing and/ or wheezing. Itching. Rashes. Hives.
Indication of any immediate medica	al attention and special treatment needed
Note to physicians	Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. May cause sensitization in susceptible persons. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors. Product is or contains a sensitizer. May cause sensitization by inhalation and skin contact.
Hazardous Combustion Products	Carbon oxides.
Explosion Data Sensitivity to Mechanical Impac	

Sensitivity to Static Discharge None.



Special protective equipment for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective ed	guipment and emergency procedures	
Personal precautions	Attention! Corrosive material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.	
Other Information	Refer to protective measures listed in Sections 7 and 8.	
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

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Provide extract ventilation to points where emissions occur. Remove contaminated clothing and shoes.

Conditions for safe storage, including any incompatibilities

Storage ConditionsKeep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach
of children. Protect from moisture. Store locked up. Store away from other materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical name	ACGIH T	LV	0	SHA PEL		NIOSH IDLH	
Silica, amorphous, precipitate	d -		(vacated)) TWA: 6 mg/m ³			
and gel							
112926-00-8							
Subtilisin	Ceiling: 0.0000	6 mg/m ³	(vacated) ST	EL: 0.00006 mg/m ³	STEL:	0.00006 mg/m ³	60 min
9014-01-1	crystalline active	e enzyme		60 min		Subtilisins	
Chemical name	Alberta	British C	Columbia	Ontario TWAE	V	Quebec	



Silica, amorphous, precipitated and gel 112926-00-8			TWA: 4 mg/m ³ TWA: 1.5 mg/m ³		TWA: 6 mg/m ³
Subtilisin 9014-01-1	Ceiling: 0.00006 mg/m ³		Ceiling: 0.00006 mg/m ³	CEV: 0.00006 mg/m ³	Ceiling: 0.00006 mg/m ³
Other Exposure Guidelir	nes Vacated limits 962 (11th Cir.		s revoked by the Court of A ., 1992).	Appeals decision in AFL-C	CIO v. OSHA, 965 F.2d
Appropriate engineering	controls				
Engineering controls		Showers Eyewash stat Ventilation sy			
Individual protection me	asures, suc	ch as persona	I protective equipment		
Eye/face protection		Face protecti	on shield.		
Hand protection		Wear suitable gloves. Impervious gloves.			
Skin and body protection	n	Wear suitable	e protective clothing. Long	sleeved clothing. Chemica	al resistant apron.
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.			
General hygiene conside	erations	skin, eyes or smoke when including the of the workpla	cordance with good industr clothing. Wear suitable glo using this product. Remov- inside, before re-use. Con- ace. Regular cleaning of ec before breaks and immedia	ves and eye/face protections e and wash contaminated taminated work clothing sl quipment, work area and c	on. Do not eat, drink or clothing and gloves, hould not be allowed out clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid	
Appearance	White	
Odor	Characteristic	
Color	No information available	
Odor Threshold	No data available	
Property	<u>Values</u>	Remarks Method
рН	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		None known
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
Relative density	No data available	None known



Water Solubility	Soluble in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/wat	er0	
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Other Information		
Explosive properties	No information available	
Oxidizing properties	No information available	
Softening Point	No information available	
Molecular Weight	No information available	
VOC Content (%)	No information available	
Liquid Density	No information available	
Bulk Density	No information available	
Particle Size	No information available	
Particle Size Distribution	No information available	

10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Exposure to air or moisture over prolonged periods.
Incompatible materials	Acids. Bases. Oxidizing agent.

Hazardous Decomposition Products Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. Corrosive by inhalation. (based on components). Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate. Inhaled corrosive substances can lead to a toxic edema of the lungs. Pulmonary edema can be fatal. May cause sensitization in susceptible persons.
Eye contact	Specific test data for the substance or mixture is not available. Causes burns. (based on components). Corrosive to the eyes and may cause severe damage including blindness. Causes serious eye damage. May cause irreversible damage to eyes.
Skin contact	Specific test data for the substance or mixture is not available. Corrosive. (based on components). Causes burns. Repeated or prolonged skin contact may cause allergic

	reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available. Causes burns. (based on components). Ingestion causes burns of the upper digestive and respiratory tracts. May cause severe burning pain in the mouth and stomach with vomiting and diarrhea of dark blood. Blood pressure may decrease. Brownish or yellowish stains may be seen around the mouth. Swelling of the throat may cause shortness of breath and choking. May cause lung damage if swallowed. May be fatal if swallowed and enters airways. May cause additional affects as listed under "Inhalation".
Symptoms related to the p	hysical, chemical and toxicological characteristics

Redness. Burning. May cause blindness. Coughing and/ or wheezing. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing.

Numerical measures of toxicity

Acute Toxicity

Symptoms

The following values are calculated based on chapter 3.1 of the GHS documentATEmix (oral)1,786.90 mg/kgATEmix (inhalation-dust/mist)18.59 mg/L

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium carbonate peroxide	= 1034 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Sodium carbonate	= 4090 mg/kg (Rat)	-	-
Sodium metasilicate pentahydrate	= 847 mg/kg (Rat)	-	-
C9-11 pareth-6	= 1400 mg/kg (Rat)= 1378 mg/kg (Rat)	> 2 g/kg (Rabbit)	-
Citric acid	= 3 g/kg (Rat) = 3000 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Subtilisin	= 3700 mg/kg (Rat)	-	-
Amylase, .alpha	> 7500 mg/kg (Rat)	-	-

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

Skin corrosion/irritation	Classification based on data available for ingredients. Causes burns.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Risk of serious damage to eyes. Causes burns.
Respiratory or skin sensitization	May cause sensitization by inhalation.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

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

Chemical name	ACGIH	IARC	NTP	OSHA
Silica, amorphous,	-	Group 3	-	-



precipitated and gel		
112926-00-8		

Legend

IARC (International Agency for Research on Cancer) Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to	Daphnia Magna (Water
			Microorganisms	Flea)
Sodium carbonate	240h EC50: = 70 mg/L	96h LC50: = 70.7 mg/L	-	48h EC50: = 4.9 mg/L
peroxide	(Chlorella emersonii)	(Pimephales promelas)		(Daphnia pulex)
Sodium carbonate	120h EC50: = 242 mg/L	96h LC50: 310 - 1220	-	48h EC50: = 265 mg/L
	(Nitzschia)	mg/L (Pimephales		(Daphnia magna)
		promelas) 96h LC50: =		
		300 mg/L (Lepomis		
		macrochirus)		
Citric acid	-	96h LC50: = 1516 mg/L	-	72h EC50: = 120 mg/L
		(Lepomis macrochirus)		(Daphnia magna)
Sodium metasilicate	-	96h LC50: = 210 mg/L	-	96h EC50: = 216 mg/L
		(Brachydanio rerio)		(Daphnia magna)

Persistence and Degradability

No information available.

.

Bioaccumulation

Component Information

Chemical name		Log Pow		
Citric acid		-1.72		
Mobility	No information available.			
Other adverse effects	No information available.			
13. DISPOSAL CONSIDERATIONS				
Waste treatment methods				
Waste from residues/unused products	Dispose of in accordance environmental legislation.	with local regulations. Dispose of waste in accordance with		
Contaminated packaging	Do not reuse empty contai	ners.		



California Waste Codes 561

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 peroxide 15630-89-4	Ignitable
Sodium carbonate 497-19-8	Corrosive

14. TRANSPORT INFORMATION

TDG Not regulated
MEX Not regulated
ICAO Not regulated
IATANot regulatedProper Shipping NameNON REGULATEDHazard ClassN/A
IMDG/IMONot regulatedHazard ClassN/A
RID Not regulated
ADRNot regulated
ADN Not regulated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

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International Inventories

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KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

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EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

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US Federal Regulations

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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

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This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Citric acid 77-92-9			RQ Section number 180.950

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Silica, amorphous, precipitated and gel 112926-00-8	Х	X	Х		

16. OTHER INFORMATION



<u>NFPA</u> <u>HMIS</u> Chronic Hazard Star Lege	Health hazards 3 Health hazards 3^* and $* = Chron$	Flammability 0 Flammability 0 nic Health Hazard	Instability 0 Physical hazards	Physical and Chemical Properties - 0 Personal Protection X
Prepared By	23 Britis	Stewardship h American Blvd. NY 12110 72-6501		
Issuing Date	21-Aug-	2017		
Revision Date	01 Feb 2	2024		
Revision Note	Address	& Contact Updated		

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End of Safety Data Sheet

