

Power Clean Laundry Detergent Packs – Citrus & Lemongrass

MATERIAL SAFETY DATA SHEET

1. SECTION 1: CHEMICAL/MIXTURE IDENTIFICATION

1.1 Product identifier	
Product Name	Power Clean Laundry Detergent Packs – Citrus & Lemongrass
CAS No.	Mixture.
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	Detergent pack for in-home laundry.
Uses advised against	None known
1.3 Details of the supplier of the product	
Company Identification	Grove Collaborative 1301 Sansome Street San Francisco, CA 94111
Telephone	(425) 830-0101
1.4	
Emergency telephone number Emergency Phone No.	(425) 830-0101 [8am-5pm M-F (UTC -7)]
1.5	
Contact E-mail	Maudino@grove.co

2. SECTION 2: HAZARDS IDENTIFICATION

"Consumer Products", defined by the US Consumer Product Safety Act and 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 to assist in the safe handling and proper use of the product.

2.1 Classification of the substance or mixture	
GHS 29 CFR 1910.1200	Skin corrosion/irritation – Category 3
2.2 Label elements	
Hazard pictogram(s)	None.
Signal word(s)	None
Hazard statement(s)	H316 – Causes mild skin irritation.
Precautionary statement(s)	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do and continue to rinse. If eye irritation persists: Get medical attention. IF SWALLOWED: Drink plenty of water. Do NOT induce vomiting. Call poison control if person feels unwell. IF ON SKIN: Rinse with plenty of water. If skin irritation occurs, get medical attention. Remove contaminated clothing if safe to do so.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. If breathing issues continue get medical attention.

2.3 Other hazards None.

2.4 Additional Information None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

29 CFR 1910.1200

Ingredient(s)	%W/W	CAS No.
Sodium carbonate	30-40	497-19-8
Trisodium citrate	30-40	6132-04-3
Sodium sulfate	5-15	7757-82-6
Laureth-6	5-15	68439-50-9
Substilin	1-3	N/A
Hydrated silica	0.5-1.5	112926-00-8
Fragrance (Citrus & Lemongrass)	0.1-1	N/A
Coconut oil	0.1-1	8001-31-8
Sodium carboxymethyl inulin	0.1-1	430439-54-6
Alpha-amylase	0.1-1	N/A
Mannanase	0.1-1	N/A
Cellulase	0.1-1	N/A
Cellulase	0.1-1	N/A

3.2 Additional Information None.

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, get medical attention.

Skin Contact

Wash with plenty of water. If irritation develops, get medical attention. Remove contaminated clothing if safe to do so.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do and continue to rinse. If eye irritation persists: Get medical attention.

Ingestion

Give plenty of water to drink. Do NOT induce vomiting. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media

Water spray, foam, dry powder or CO₂.

Unsuitable Extinguishing Media

None known.

5.2 Special hazards arising from the substance or mixture

None anticipated.

5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	Caution - spillages may be slippery. Ensure adequate ventilation. Wear personal protective equipment.
6.2	Environmental precautions	Do not release large quantities into the surface water or into drains.
6.3	Methods and material for containment and cleaning up	
	Household Handling	Small spills and leaks may be cleaned up and disposed of in household trash or diluted and disposed of down drain.
	Industrial Handling	Stop spill at source and contain material. Adsorb spillages onto sand, earth or any suitable adsorbent material. Dispose of liquid and adsorbent material in accordance with all applicable local, state, and federal regulations. Small amounts may be flushed to a sewer.
6.4	Reference to other sections	See Also Section: 8, 13.

7. SECTION 7: HANDLING AND STORAGE

General hygiene measures for the handling of chemicals are applicable.

7.1	Precautions for safe handling	
	Household Handling	Use as directed on product label. Wash hands and exposed skin after use. Do not eat, drink or smoke when using this product.
	Industrial Handling	Wear suitable personal protective equipment. Wash hands and exposed skin after use.
7.2	Conditions for safe storage, including any incompatibilities	KEEP OUT OF REACH OF CHILDREN AND PETS. Store in original container in a cool, dry location and keep container closed after use.
	Storage Temperature	Ambient.
	Storage Life	Stable under normal conditions.
	Incompatible materials	None know.
7.3	Specific end use(s)	Detergent pack for in-home laundry.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Control parameters	
8.1.1	Occupational Exposure Limits	Not established.
8.1.2	Biological limit value	Not established.
8.1.3	PNECs and DNELs	Not established.
8.2	Exposure controls	
8.2.1	Appropriate engineering controls	Provide adequate ventilation.
8.2.2	Personal protection equipment	
	Household Handling	No special precautions necessary as long as product is used as directed.
	Industrial Handling	
	Eye/face protection	Wear protective eye glasses for protection against liquid splashes or solid spills.
	Skin protection (Hand protection/ Other)	Wear suitable gloves if prolonged skin contact is likely. Wear impervious gloves (EN374).
	Respiratory protection	Normally no personal respiratory protection is necessary.
	Thermal hazards	Not applicable.
8.2.3	Environmental Exposure Controls	Do not release large quantities into the surface water or into drains.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Granular powder in a pack.
Color	White.
Odor	Fragranced (Citrus & Lemongrass).
pH (1% solution)	9.5-11.5
Melting Point/Freezing Point	Not established.
Solubility	Soluble in water.

9.2 Other information

None.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Cleaning products should not be mixed with other household chemicals unless specifically provided according to label directions.

10.5 Incompatible materials

Strong oxidizers or reducing agents, strong acids or strong bases.

10.6 Hazardous Decomposition Product(s)

No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Ingredient(s)	CAS No.	Oral LD 50 (Rat)	Dermal LD 50 (Mouse)	Inhalation LC 50 (Rat)
Sodium carbonate	497-19-8	4090 mg/kg	2210 mg/kg	2300 mg/L
Sodium citrate	6132-04-3	6720 mg/kg	Not listed	Not listed
Sodium sulfate	7757-82-6	5989 mg/kg	Not listed	Not listed
Fragrance (Citrus & Lemongrass)	N/A	> 2000 mg/kg	Not listed	Not listed

Acute toxicity

None anticipated.

Irritation

Causes mild skin irritation.

Corrosivity

None anticipated.

Sensitisation

None anticipated.

Repeated dose toxicity

None anticipated.

11.2 Other information

None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ingredient(s)	CAS No.	Fish LC 50 (96h)	Daphnea EC 50 (48h)
Sodium carbonate	497-19-8	300 mg/L (L. macrochius)	265 mg/L
Sodium carboxymethyl inulin	430439-54-6	>10000 mg/L (Zebra fish)	Not listed

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and VPVB assessment

Not classified as PBT or vPvB.

12.6 Other adverse effects

None known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

- | | | |
|------|--------------------------------|---|
| 13.1 | Waste treatment methods | Use appropriate tools to put the spilled substance in a convenient waste disposal container. Finish cleaning by spreading soap and water on the contaminated surface. |
| 13.2 | Additional Information | Disposal should be in accordance with local, state or national legislation. |

14. SECTION 14: TRANSPORT INFORMATION

Not regulated for transport in accordance with US DOT Regulations.

- | | | |
|------|--|-----------------|
| 14.1 | UN number | Not applicable. |
| 14.2 | UN Proper Shipping Name | Not applicable. |
| 14.3 | Transport hazard class(es) | Not applicable. |
| 14.4 | Packing Group | Not applicable. |
| 14.5 | Environmental hazards | Not applicable. |
| 14.6 | Special precautions for user | Not applicable. |
| 14.7 | Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

15. SECTION 15: REGULATORY INFORMATION

- | | | |
|------|---|---|
| 15.1 | Safety, health and environmental regulations/legislation specific for the substance or mixture | |
| 15.2 | GHS | Created in accordance with the CPSC's implementation of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). |

16. SECTION 16: OTHER INFORMATION

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative

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