



# Laundry Soaps (Bulk)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date: 03/29/2022

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Supercedes: 03/29/2022

### SECTION 1: Identification

#### 1.1. Identification

Product form	: Mixture
Trade name	: Laundry Soaps (Bulk)
Other means of identification	: Fresh Cotton Laundry Soap (Bulk) Lavender Laundry Soap (Bulk) Magnolia Laundry Soap (Bulk) Good Morning Sunshine Laundry Soap (Bulk) Narcissist Laundry Soap (Bulk)

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture	: Cleaning/washing agents and additives
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#### 1.3. Supplier

Buff City Soap  
2716 Fairmount St.  
Dallas, Texas 75201  
T +1 (844) 468-7627

#### 1.4. Emergency telephone number

Emergency number	: +1 (844) 468-7627
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### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Skin corrosion/irritation Category 2	H315 Causes skin irritation
Serious eye damage/eye irritation Category 2B	H320 Causes eye irritation

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Warning

Hazard statements (GHS US)

: H315 - Causes skin irritation  
H320 - Causes eye irritation

Precautionary statements (GHS US)

: P264 - Wash hands, forearms and face thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 - If on skin: Wash with plenty of water  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

#### 2.3. Other hazards which do not result in classification

May form combustible dust concentrations in the air. Possibility of dust explosion. It is recommended that all dust control equipment and material transport systems involved are engineered to prevent conditions contributing to dust explosions. Do not let dust accumulate on flat surfaces, rafters, or building structural components. Keep away from all ignition sources, including heat, sparks, and flame.

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

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Name	Product identifier	Conc.	GHS US classification
Sodium carbonate	(CAS-No.) 497-19-8	<45	Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr. 1, H314 Eye Dam. 1, H318
Benzyl benzoate	(CAS-No.) 120-51-4	<5	Acute Tox. 4 (Oral), H302 Aquatic Chronic 2, H411
Linalool	(CAS-No.) 78-70-6	<1	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317
Dipentene (Note C)	(CAS-No.) 138-86-3	<1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Citronellol	(CAS-No.) 106-22-9	<0.1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Acute 2, H401
Octanal, 7-hydroxy-3,7-dimethyl-	(CAS-No.) 107-75-5	<0.1	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317
Coumarin	(CAS-No.) 91-64-5	<0.1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 STOT SE 3, H335 STOT RE 2, H373 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
Citral	(CAS-No.) 5392-40-5	0.01657	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 2, H401

Exact concentration is a trade secret.

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If affected person feels unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : If affected person is experiencing breathing difficulty, allow affected person to breathe fresh air. Allow affected person to rest.
- First-aid measures after skin contact : If adverse skin reaction occurs, remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### 4.2. Most important symptoms and effects (acute and delayed)

- Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.
- Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

#### 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Sand. Water spray.

#### 5.2. Specific hazards arising from the chemical

- Fire hazard : Not flammable.

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- Explosion hazard : May form combustible dust concentrations in the air. Possibility of dust explosion if dust is allowed to accumulate. It is recommended that all dust control equipment and material transport systems involved are engineered to prevent conditions contributing to dust explosions. Do not let dust accumulate on flat surfaces, rafters, or building structural components. Keep away from all ignition sources, including heat, sparks, and flame.

### 5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Fight fire with normal precautions from a reasonable distance. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Clear up spills immediately and dispose of waste safely.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. It is recommended that all dust control equipment and material transport systems involved are engineered to prevent conditions contributing to dust explosions. Do not let dust accumulate on flat surfaces, rafters, or building structural components. Keep away from all ignition sources, including heat, sparks, and flame.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a cool, dry place. Store in a tightly closed container/bag. The packaging material should have reasonable moisture and air barriers and comply with food regulations.
- Incompatible products : Strong bases. Strong acids.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Sodium Hydroxide (1310-73-2)	
ACGIH OEL Ceiling	2 mg/m <sup>3</sup>
OSHA PEL (TWA) [1]	2 mg/m <sup>3</sup>
IDLH	10 mg/m <sup>3</sup>
NIOSH REL (Ceiling)	2 mg/m <sup>3</sup>
US-NIOSH chemical category	SK: DIR(COR) Apr 2011
Citral (5392-40-5)	
ACGIH OEL TWA [ppm]	5 ppm (inhalable fraction and vapor)
ACGIH chemical category	Not Classifiable as a Human Carcinogen, Skin - potential significant contribution to overall exposure by the cutaneous route, dermal sensitizer

### 8.2. Appropriate engineering controls

- Environmental exposure controls : Avoid release to the environment.

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### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Gloves, Eye glasses, Apron.

#### Hand protection:

Gloves

#### Eye protection:

Eye glasses

#### Skin and body protection:

Apron

#### Respiratory protection:

None needed

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: White powder
Color	: White
Odor	: Characteristic
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability	: No data available
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None.

### 10.2. Chemical stability

Product is generally stable. Accumulated dust may be combustible.

### 10.3. Possibility of hazardous reactions

Stable. Accumulated dust may be combustible and form a combustible dust explosion.

### 10.4. Conditions to avoid

Extremely high or low temperatures.

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### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Smokes. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

<b>Citric acid (77-92-9)</b>	
LD50 oral rat	3 g/kg
LD50 dermal rat	> 2000 mg/kg
ATE US (oral)	3000 mg/kg body weight

<b>Coconut oil (8001-31-8)</b>	
LD50 oral rat	> 5000 mg/kg

<b>Sodium hydroxide (1310-73-2)</b>	
LD50 oral rat	325 mg/kg
LD50 dermal rabbit	1350 mg/kg

<b>Disodium carbonate (497-19-8)</b>	
LD50 oral rat	4090 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	2300 mg/m <sup>3</sup> (Exposure time: 2 h)
ATE US (oral)	4090 mg/kg body weight
ATE US (vapors)	2.3 mg/l/4h
ATE US (dust, mist)	2.3 mg/l/4h

<b>Benzyl benzoate (120-51-4)</b>	
LD50 oral rat	500 mg/kg
LD50 dermal rabbit	4000 mg/kg
ATE US (oral)	500 mg/kg body weight
ATE US (dermal)	4000 mg/kg body weight

<b>Citronellol (106-22-9)</b>	
LD50 oral rat	3450 mg/kg
LD50 dermal rabbit	2650 mg/kg
ATE US (oral)	3450 mg/kg body weight
ATE US (dermal)	2650 mg/kg body weight

<b>Hexyl cinnamal (101-86-0)</b>	
LD50 oral rat	3100 mg/kg
LD50 dermal rabbit	> 3000 mg/kg
LC50 Inhalation - Rat	> 5 mg/l/4h
ATE US (oral)	3100 mg/kg body weight

<b>3-Cyclohexene-1-carboxaldehyde, 4-(4-hydroxy-4-methylpentyl)- (31906-04-4)</b>	
LD50 oral rat	3250 µl/kg
ATE US (oral)	3250000 mg/kg body weight

<b>Linalool (78-70-6)</b>	
LD50 oral rat	2790 mg/kg
LD50 dermal rabbit	5610 mg/kg
ATE US (oral)	2790 mg/kg body weight
ATE US (dermal)	5610 mg/kg body weight

<b>ALPHA-ISOMETHYL IONONE (127-51-5)</b>	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg

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<b>Cinnamyl alcohol (104-54-1)</b>	
LD50 oral rat	2 g/kg
LD50 dermal rabbit	> 5000 mg/kg
ATE US (oral)	2000 mg/kg body weight
<b>Geraniol (106-24-1)</b>	
LD50 oral rat	3600 mg/kg
LD50 dermal rabbit	> 5 g/kg
ATE US (oral)	3600 mg/kg body weight
<b>Hydroxycitronellal (107-75-5)</b>	
LD50 oral rat	> 5 g/kg
LD50 dermal rabbit	> 2000 mg/kg
<b>Benzyl salicylate (118-58-1)</b>	
LD50 oral rat	2227 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
ATE US (oral)	2227 mg/kg body weight
<b>Limonene (138-86-3)</b>	
LD50 oral rat	5300 mg/kg
ATE US (oral)	5300 mg/kg body weight
<b>Citral (5392-40-5)</b>	
LD50 oral rat	4960 mg/kg
LD50 dermal rabbit	2250 mg/kg
ATE US (oral)	4960 mg/kg body weight
ATE US (dermal)	2250 mg/kg body weight
<b>Coumarin (91-64-5)</b>	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	293 mg/kg
ATE US (oral)	100 mg/kg body weight
ATE US (dermal)	293 mg/kg body weight

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes eye irritation.
Respiratory or skin sensitization	: Not classified.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity	: No data available
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Citric acid (77-92-9)</b>	
LC50 - Fish [1]	1516 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
<b>Sodium hydroxide (1310-73-2)</b>	
LC50 - Fish [1]	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
<b>Disodium carbonate (497-19-8)</b>	
LC50 - Fish [1]	300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 - Crustacea [1]	265 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 - Fish [2]	310 – 1220 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

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<b>Benzyl benzoate (120-51-4)</b>	
LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
<b>Linalool (78-70-6)</b>	
LC50 - Fish [1]	27.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	20 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>Geraniol (106-24-1)</b>	
LC50 - Fish [1]	22 mg/l (Exposure time: 96 h - Species: Danio rerio [static])
<b>Benzyl salicylate (118-58-1)</b>	
LC50 - Fish [1]	1.03 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
<b>Citral (5392-40-5)</b>	
EC50 - Crustacea [1]	7 mg/l (Exposure time: 48 h - Species: Daphnia magna)

### 12.2. Persistence and degradability

Not established.

### 12.3. Bioaccumulative potential

<b>Citric acid (77-92-9)</b>	
Partition coefficient n-octanol/water (Log Pow)	-1.72 (at 20 °C)
<b>Disodium carbonate (497-19-8)</b>	
BCF - Fish [1]	(no bioaccumulation)
<b>Benzyl benzoate (120-51-4)</b>	
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)
<b>Citronellol (106-22-9)</b>	
Partition coefficient n-octanol/water (Log Pow)	3.41 (at 25 °C)
<b>Linalool (78-70-6)</b>	
Partition coefficient n-octanol/water (Log Pow)	2.9 (at 20 °C (at pH 7))
<b>Alpha-isomethyl ionone (127-51-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	4.288 (at 25 °C (at pH 4.7))
<b>Cinnamyl alcohol (104-54-1)</b>	
Partition coefficient n-octanol/water (Log Pow)	1.636 (at 27 °C (at pH 3.52))
<b>Geraniol (106-24-1)</b>	
Partition coefficient n-octanol/water (Log Pow)	2.6 (at 25 °C)
<b>Hydroxycitronellal (107-75-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	1.68 (at 25 °C)
<b>Benzyl salicylate (118-58-1)</b>	
Partition coefficient n-octanol/water (Log Pow)	4
<b>Citral (5392-40-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	2.76 (at 25 °C)

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Product/Packaging disposal recommendations : Follow local, state, and federal regulations for product disposal. Not hazardous waste unless contaminated with hazardous products.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

### Department of Transportation (DOT)

Not regulated as hazmat for transport

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### Transportation of Dangerous Goods

Not regulated as hazmat for transport

### Transport by sea

Not regulated as hazmat for transport

### Air transport

Not regulated as hazmat for transport

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product is not subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### 15.2. International regulations

#### Canada-Regulations

No additional information available

#### EU-Regulations

No additional information available

#### National regulations

No additional information available

### 15.3. US State regulations

California Proposition 65 - This product does not contain substance(s) known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Sodium Hydroxide (1310-73-2)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Limonene (138-86-3)	U.S. - New Jersey - Right to Know Hazardous Substance List

## SECTION 16: Other information

Data sources : **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H-phrases:

H226	Flammable liquid and vapor
H227	Combustible liquid
H301	Toxic if swallowed
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

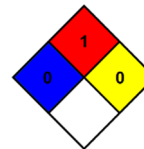


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NFPA health hazard : 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.  
NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.  
NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



### Hazard Rating

Health : 0 Minimal Hazard - No significant risk to health  
Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)  
Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Safety Data Sheet (SDS), USA

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*