



Laundry Soap Plus (Bulk)

Safety Data Sheet

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

Issue date: 08/22/2023

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Trade name : Laundry Soap Plus (Bulk)
Other means of identification : Magnolia, Fresh Cotton, Commando & Narcissist

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Cleaning/washing agents and additives

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

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

Name	Product identifier	Conc.	GHS US classification
Sodium Carbonate	(CAS-No.) 497-19-8	<50	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
Benzyl Salicylate	(CAS-No.) 118-58-1	<1	Skin Sens. 1B, H317

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Name	Product identifier	Conc.	GHS US classification
Linalool	(CAS-No.) 78-70-6	<1	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317
Cinnamal Alcohol	(CAS-No.) 104-54-1	<0.1	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317
Geraniol	(CAS-No.) 106-24-1	<0.1	Skin Sens. 1, H317
Hydroxycitronellal	(CAS-No.) 107-75-5	<0.1	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317
Eugenol	(CAS-No.) 97-53-0	<0.1	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Acute 2, H401
Limonene	(CAS-No.) 5989-27-5	<0.1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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.
- 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.

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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

Limonene (5989-27-5)

WEEL TWA [ppm]	30 ppm
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8.2. Appropriate engineering controls

Environmental exposure controls : Avoid release to the environment.

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 to brown
Odor : Characteristic
Odor threshold : No data available
pH : 7
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : No data available

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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.

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 : Not classified

Citric Acid (77-92-9)	
LD50 oral rat	3 g/kg
LD50 dermal rat	> 2000 mg/kg
ATE US (oral)	3000 mg/kg body weight
Sodium Carbonate (497-19-8)	
LD50 oral rat	4090 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	2300 mg/m ³ (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
Benzyl Benzoate (120-51-4)	
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
Hexyl Cinnamal (101-86-0)	
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

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Linalool (78-70-6)	
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
Cinnamal Alcohol (104-54-1)	
LD50 oral rat	2 g/kg
LD50 dermal rabbit	> 5000 mg/kg
ATE US (oral)	2000 mg/kg body weight
Geraniol (106-24-1)	
LD50 oral rat	3600 mg/kg
LD50 dermal rabbit	> 5 g/kg
ATE US (oral)	3600 mg/kg body weight
Hydroxycitronellal (107-75-5)	
LD50 oral rat	> 5 g/kg
LD50 dermal rabbit	> 2000 mg/kg
Benzyl Salicylate (118-58-1)	
LD50 oral rat	2227 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
ATE US (oral)	2227 mg/kg body weight
Sodium Bicarbonate (144-55-8)	
LD50 oral rat	4220 mg/kg
ATE US (oral)	4220 mg/kg body weight
Polysorbate 20 (9005-64-5)	
LD50 oral rat	37000 mg/kg
LC50 Inhalation - Rat	> 5.1 mg/l/4h
ATE US (oral)	37000 mg/kg body weight
Eugenol (97-53-0)	
LD50 oral rat	1930 mg/kg
ATE US (oral)	1930 mg/kg body weight
Limonene (5989-27-5)	
LD50 oral rat	4400 mg/kg
LD50 dermal rabbit	> 5 g/kg
ATE US (oral)	4400 mg/kg body weight

Skin corrosion/irritation	: Causes skin irritation pH: 7
Serious eye damage/irritation	: Causes eye irritation pH: 7
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
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

Citric Acid (77-92-9)	
LC50 - Fish [1]	1516 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

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Sodium Carbonate (497-19-8)	
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])
Benzyl Benzoate (120-51-4)	
LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
Linalool (78-70-6)	
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)
Geraniol (106-24-1)	
LC50 - Fish [1]	22 mg/l (Exposure time: 96 h - Species: Danio rerio [static])
Benzyl Salicylate (118-58-1)	
LC50 - Fish [1]	1.03 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
Sodium Bicarbonate (144-55-8)	
LC50 - Fish [1]	8250 – 9000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 - Crustacea [1]	2350 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Eugenol (97-53-0)	
LC50 - Fish [1]	13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
Limonene (5989-27-5)	
LC50 - Fish [2]	> 35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)

12.2. Persistence and degradability

Not established.

12.3. Bioaccumulative potential

Citric Acid (77-92-9)	
Partition coefficient n-octanol/water (Log Pow)	-1.72 (at 20 °C)
Sodium Carbonate (497-19-8)	
BCF - Fish [1]	(no bioaccumulation)
Benzyl Benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)
Linalool (78-70-6)	
Partition coefficient n-octanol/water (Log Pow)	2.9 (at 20 °C (at pH 7))
Cinnamal Alcohol (104-54-1)	
Partition coefficient n-octanol/water (Log Pow)	1.636 (at 27 °C (at pH 3.52))
Geraniol (106-24-1)	
Partition coefficient n-octanol/water (Log Pow)	2.6 (at 25 °C)
Hydroxycitronellal (107-75-5)	
Partition coefficient n-octanol/water (Log Pow)	1.68 (at 25 °C)
Benzyl Salicylate (118-58-1)	
Partition coefficient n-octanol/water (Log Pow)	4
Eugenol (97-53-0)	
Partition coefficient n-octanol/water (Log Pow)	1.83 (at 30 °C (at pH 5.5))
Limonene (5989-27-5)	
Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2))

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : Avoid release to the environment.

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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

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

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 listed in Section 2 or Section 3:

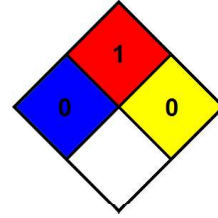
H226	Flammable liquid and vapor
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H320	Causes eye irritation
H332	Harmful if inhaled
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic 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.