



# Fresh Laundry Concentrate (Powder) Fragrance Free

## Safety Data Sheet

### SECTION 1: Identification

#### 1.1. Identification

Product name : Fresh Laundry Concentrate (Powder) Fragrance Free

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Cleaning

#### 1.3. Details of the supplier of the safety data sheet

Shaklee Corporation  
Pleasanton, CA 94588  
T 925-924-2000

#### 1.4. Emergency telephone number

Emergency number : 925-931-4189

### SECTION 2: Hazard(s) identification

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

##### GHS US classification

Acute Tox. 4 (Oral) H302  
Skin Irrit. 2 H315  
Eye Dam. 1 H318  
Resp. Sens. 1 H334

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

#### 2.2. Label elements

##### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

H302 - Harmful if swallowed  
H315 - Causes skin irritation  
H318 - Causes serious eye damage  
H334 - May cause an allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statements (GHS US) :

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P284 - [In case of inadequate ventilation] wear respiratory protection.  
P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell  
P302+P352 - If on skin: Wash with plenty of water  
P304+P341 - If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P310 - Immediately call a poison center or doctor  
P321 - Specific treatment (see supplemental first aid instruction on this label)  
P330 - Rinse mouth.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P342+P311 - If experiencing respiratory symptoms: Call a poison center or doctor  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

#### 2.3. Other hazards

No additional information available

# Fresh Laundry Concentrate (Powder) Fragrance Free

## Safety Data Sheet

### 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	%	GHS US classification
Disodium carbonate	(CAS-No.) 497-19-8	70 - 75	Not classified
Alcohols, C12-16, ethoxylated	(CAS-No.) 68551-12-2	15 -20	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Sodium percarbonate	(CAS-No.) 15630-89-4	1 - 5	Ox. Sol. 2, H272 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Acute 2, H401
Trisodium dicarboxymethyl alaninate	(CAS-No.) 164462-16-2	1 - 5	Not classified
Sodium metasilicate	(CAS-No.) 6834-92-0	1 - 5	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 STOT SE 3, H335
Sodium carboxymethyl cellulose	(CAS-No.) 9004-32-4	1 - 5	Not classified
Subtilisins (proteolytic enzymes)	(CAS-No.) 9014-01-1	< 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334 STOT SE 3, H335
Water	(CAS-No.) 7732-18-5	0.2 - 0.4	Not classified
Sodium silicate	(CAS-No.) 1344-09-8	<= 0.075	Acute Tox. 4 (Oral), H302
Sodium hydroxide	(CAS-No.) 1310-73-2	0.00375 - 0.0125	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318
Glycolic acid, sodium salt	(CAS-No.) 2836-32-0	0 - 0.0125	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Trisodium-nitritoltriacetate	(CAS-No.) 5064-31-3	<= 0.00125	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319 Carc. 2, H351

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 after inhalation	: If not breathing, give artificial respiration.
First-aid measures after skin contact	: Wash with soap and water. Seek medical advice if skin irritation develops or persists.
First-aid measures after eye contact	: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.
First-aid measures after ingestion	: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation	: May cause an allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye damage.
Symptoms/effects after ingestion	: Harmful if swallowed.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: None.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: None known.
Explosion hazard	: None known.

# Fresh Laundry Concentrate (Powder) Fragrance Free

## Safety Data Sheet

### 5.3. Advice for firefighters

Protection during firefighting : Firefighters should wear full protective gear.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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

For containment : Stop the flow of material, if this is without risk.

Methods for cleaning up : Place in an approved container and dispose in accordance with local, state and federal regulations.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes. Keep out of reach of children.

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

Storage conditions : Store in well-ventilated area. Keep from freezing.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

<b>Disodium carbonate (497-19-8)</b>		
Not applicable		
<b>Sodium percarbonate (15630-89-4)</b>		
Not applicable		
<b>Sodium silicate (1344-09-8)</b>		
Not applicable		
<b>Alcohols, C12-16, ethoxylated (68551-12-2)</b>		
Not applicable		
<b>Trisodium dicarboxymethyl alaninate (164462-16-2)</b>		
Not applicable		
<b>Water (7732-18-5)</b>		
Not applicable		
<b>Sodium metasilicate (6834-92-0)</b>		
Not applicable		
<b>Sodium carboxymethyl cellulose (9004-32-4)</b>		
Not applicable		
<b>Subtilisins (proteolytic enzymes) (9014-01-1)</b>		
ACGIH	ACGIH Ceiling (mg/m <sup>3</sup> )	0.00006 mg/m <sup>3</sup>
NIOSH	NIOSH REL (STEL) (mg/m <sup>3</sup> )	0.00006 mg/m <sup>3</sup>
<b>Sodium hydroxide (1310-73-2)</b>		
ACGIH	ACGIH Ceiling (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
IDLH	US IDLH (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>

# Fresh Laundry Concentrate (Powder) Fragrance Free

## Safety Data Sheet

<b>Sodium hydroxide (1310-73-2)</b>		
NIOSH	NIOSH REL (ceiling) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
<b>Glycolic acid, sodium salt (2836-32-0)</b>		
Not applicable		
<b>Trisodium-nitilotriacetate (5064-31-3)</b>		
Not applicable		

### 8.2. Exposure controls

Appropriate engineering controls	: None required under normal product handling conditions.
Hand protection	: None required under normal product handling conditions.
Eye protection	: None required under normal product handling conditions.
Skin and body protection	: None required under normal product handling conditions.
Respiratory protection	: None required under normal product handling conditions.

## SECTION 9: Physical and chemical properties

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

Physical state	: Solid
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 (solid, gas)	: 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
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 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

No additional information available

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

Will not occur.

### 10.4. Conditions to avoid

None.

# Fresh Laundry Concentrate (Powder) Fragrance Free

## Safety Data Sheet

### 10.5. Incompatible materials

None.

### 10.6. Hazardous decomposition products

Not determined.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

<b>Powder Laundry Fragrance Free</b>	
ATE US (oral)	1777.404 mg/kg body weight
<b>Disodium carbonate (497-19-8)</b>	
LD50 oral rat	4090 mg/kg
ATE US (oral)	4090 mg/kg
<b>Sodium percarbonate (15630-89-4)</b>	
LD50 oral rat	1034 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
ATE US (oral)	1034 mg/kg
<b>Sodium silicate (1344-09-8)</b>	
LD50 oral rat	1960 mg/kg
ATE US (oral)	1153 mg/kg
<b>Alcohols, C12-16, ethoxylated (68551-12-2)</b>	
ATE US (oral)	500 mg/kg body weight
<b>Water (7732-18-5)</b>	
LD50 oral rat	> 90 ml/kg
<b>Sodium metasilicate (6834-92-0)</b>	
LD50 oral rat	1153 mg/kg
ATE US (oral)	600 mg/kg
<b>Sodium carboxymethyl cellulose (9004-32-4)</b>	
LD50 oral rat	27000 mg/kg
LC50 inhalation rat (mg/l)	> 5800 mg/m <sup>3</sup> (Exposure time: 4 h)
<b>Subtilisins (proteolytic enzymes) (9014-01-1)</b>	
LD50 oral rat	3700 mg/kg
ATE US (oral)	500 mg/kg body weight
<b>Sodium hydroxide (1310-73-2)</b>	
LD50 oral rat	140 - 340 mg/kg
LD50 dermal rabbit	1350 mg/kg
ATE US (dermal)	1350 mg/kg
<b>Glycolic acid, sodium salt (2836-32-0)</b>	
LD50 oral rat	7110 mg/kg
ATE US (oral)	7110 mg/kg body weight
<b>Trisodium-nitilotriacetate (5064-31-3)</b>	
LD50 oral rat	1100 mg/kg
LC50 inhalation rat (mg/l)	> 5 mg/l/4h
ATE US (oral)	1100 mg/kg body weight

Skin corrosion/irritation : Causes skin irritation.  
Serious eye damage/irritation : Causes serious eye damage.  
Respiratory or skin sensitization : May cause an allergy or asthma symptoms or breathing difficulties if inhaled.  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

<b>Trisodium-nitilotriacetate (5064-31-3)</b>	
IARC group	2B - Possibly carcinogenic to humans

# Fresh Laundry Concentrate (Powder) Fragrance Free

## Safety Data Sheet

### Trisodium-nitilotriacetate (5064-31-3)

In OSHA Hazard Communication Carcinogen list	Yes
--	-----

Reproductive toxicity : Not classified  
Specific target organ toxicity – single exposure : Not classified  
Specific target organ toxicity – repeated exposure : Not classified  
Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Disodium carbonate (497-19-8)

LC50 fish 1	300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	265 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	310 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

#### Sodium percarbonate (15630-89-4)

LC50 fish 1	70.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	4.9 mg/l (Exposure time: 48 h - Species: Daphnia pulex)

#### Sodium silicate (1344-09-8)

LC50 fish 1	301 - 478 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
LC50 fish 2	3185 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])

#### Sodium metasilicate (6834-92-0)

LC50 fish 1	210 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
LC50 fish 2	210 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)

#### Sodium hydroxide (1310-73-2)

LC50 fish 1	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
-------------	---

#### Trisodium-nitilotriacetate (5064-31-3)

LC50 fish 1	93 - 170 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	560 - 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	175 - 225 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

#### Disodium carbonate (497-19-8)

BCF fish 1	(no bioaccumulation)
------------	----------------------

#### Sodium percarbonate (15630-89-4)

BCF fish 1	(no bioaccumulation)
------------	----------------------

#### Sodium silicate (1344-09-8)

BCF fish 1	(no bioaccumulation expected)
------------	-------------------------------

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

# Fresh Laundry Concentrate (Powder) Fragrance Free

## Safety Data Sheet

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Not applicable

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

##### Disodium carbonate (497-19-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### Sodium percarbonate (15630-89-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### Sodium silicate (1344-09-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### Alcohols, C12-16, ethoxylated (68551-12-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag

XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

##### Trisodium dicarboxymethyl alaninate (164462-16-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag

XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

##### Water (7732-18-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### Sodium metasilicate (6834-92-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### Sodium carboxymethyl cellulose (9004-32-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag

XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

##### Subtilisins (proteolytic enzymes) (9014-01-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag

XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

##### Sodium hydroxide (1310-73-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

CERCLA RQ

1000 lb

##### Glycolic acid, sodium salt (2836-32-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### Trisodium-nitilotriacetate (5064-31-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 15.2. US State regulations

##### Sodium hydroxide (1310-73-2)

U.S. - Massachusetts - Right To Know List  
U.S. - Minnesota - Hazardous Substance List  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List

##### Trisodium-nitilotriacetate (5064-31-3)

U.S. - Massachusetts - Right To Know List

# Fresh Laundry Concentrate (Powder) Fragrance Free

## Safety Data Sheet

### SECTION 16: Other information

Full text of H-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Carc. 2	Carcinogenicity Category 2
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Met. Corr. 1	Corrosive to metals Category 1
Ox. Sol. 2	Oxidizing solids Category 2
Resp. Sens. 1	Respiratory sensitization, Category 1
Skin Corr. 1A	Skin corrosion/irritation Category 1A
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H272	May intensify fire; oxidizer
H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H334	May cause an allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer
H401	Toxic to aquatic life

*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.*