

# Fabric Softener

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations  
Revision Date: 06/03/2016 Date of Issue: 06/03/2016

Version: 1.0

### SECTION 1: IDENTIFICATION

#### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** Fabric Softener

**Product Code:** 16770, 16775, 16771, 16776

\*This document is intended to be used for safety in the workplace only and is not a consumer document.

#### 1.2. Intended Use of the Product

Laundry fabric softener

#### 1.3. Name, Address, and Telephone of the Responsible Party

Faultless Starch/ Bon Ami Co.

1025 W 8th St.

Kansas City, MO 64101 USA

T: 1-816-842-1230

[www.faultless.com](http://www.faultless.com)

#### 1.4. Emergency Telephone Number

**Emergency Number** : 1-800-424-9300 (CHEMTREC)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the Substance or Mixture

**GHS-US Classification**

Eye Irrit. 2A H319

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

#### 2.2. Label Elements

**GHS-US Labeling**

**Hazard Pictograms (GHS-US)** :



GHS07

**Signal Word (GHS-US)** :

Warning

**Hazard Statements (GHS-US)** :

H319 - Causes serious eye irritation.

**Precautionary Statements (GHS-US)** :

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P280 - Wear protective gloves, protective clothing, and eye protection.  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

#### 2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

**2.4. Unknown Acute Toxicity (GHS-US)** No data available

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

Not applicable

#### 3.2. Mixture

Name	Product Identifier	% (w/w)
Poly(oxy-1,2-ethanediyl), .alpha.-[2-[bis(2-aminoethyl)methylammonio]ethyl]-.omega.-hydroxy-, N,N'-ditallow acyl derivatives, methyl sulfates (salts)	(CAS No) 68410-69-5	5 - 9
Isopropyl alcohol	(CAS No) 67-63-0	0.5 - 1.5
D-Limonene	(CAS No) 5989-27-5	< 0.01
Citral	(CAS No) 5392-40-5	< 0.01
Diethyl phthalate	(CAS No) 84-66-2	< 0.01

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Benzyl acetate	(CAS No) 140-11-4	< 0.01
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A range of concentration as prescribed by the Controlled Products Regulations has been used where necessary, due to varying composition.

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First-aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**General:** Causes serious eye irritation.

**Inhalation:** Prolonged exposure may cause irritation.

**Skin Contact:** May cause skin irritation.

**Eye Contact:** Contact causes severe irritation with redness and swelling of the conjunctiva.

**Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Water spray, dry chemical, foam, carbon dioxide.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides. Halogenated Compounds.

### Reference to Other Sections

Refer to Section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid breathing (vapor, mist, spray). Avoid all contact with skin, eyes, or clothing.

#### 6.1.1. For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

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**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### 6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Precautions for Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist, spray. Avoid contact with skin, eyes and clothing.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Products:** Strong acids, strong bases, strong oxidizers.

### 7.3. Specific End Use(s)

Laundry fabric softener

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Isopropyl alcohol (67-63-0)		
Mexico	OEL TWA (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
Mexico	OEL TWA (ppm)	400 ppm
Mexico	OEL STEL (mg/m <sup>3</sup> )	1225 mg/m <sup>3</sup>
Mexico	OEL STEL (ppm)	500 ppm
USA ACGIH	ACGIH TWA (ppm)	200 ppm
USA ACGIH	ACGIH STEL (ppm)	400 ppm
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA ACGIH	Biological Exposure Indices (BEI)	40 mg/l (Medium: urine - Time: end of shift at end of workweek - Parameter: Acetone (background, nonspecific))
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	400 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (TWA) (ppm)	400 ppm
USA NIOSH	NIOSH REL (STEL) (mg/m <sup>3</sup> )	1225 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (STEL) (ppm)	500 ppm
USA IDLH	US IDLH (ppm)	2000 ppm (10% LEL)
Alberta	OEL STEL (mg/m <sup>3</sup> )	984 mg/m <sup>3</sup>
Alberta	OEL STEL (ppm)	400 ppm
Alberta	OEL TWA (mg/m <sup>3</sup> )	492 mg/m <sup>3</sup>
Alberta	OEL TWA (ppm)	200 ppm
British Columbia	OEL STEL (ppm)	400 ppm

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<b>British Columbia</b>	OEL TWA (ppm)	200 ppm
<b>Manitoba</b>	OEL STEL (ppm)	400 ppm
<b>Manitoba</b>	OEL TWA (ppm)	200 ppm
<b>New Brunswick</b>	OEL STEL (mg/m <sup>3</sup> )	1230 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL STEL (ppm)	500 ppm
<b>New Brunswick</b>	OEL TWA (mg/m <sup>3</sup> )	983 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL TWA (ppm)	400 ppm
<b>Newfoundland &amp; Labrador</b>	OEL STEL (ppm)	400 ppm
<b>Newfoundland &amp; Labrador</b>	OEL TWA (ppm)	200 ppm
<b>Nova Scotia</b>	OEL STEL (ppm)	400 ppm
<b>Nova Scotia</b>	OEL TWA (ppm)	200 ppm
<b>Nunavut</b>	OEL STEL (mg/m <sup>3</sup> )	1228 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL STEL (ppm)	500 ppm
<b>Nunavut</b>	OEL TWA (mg/m <sup>3</sup> )	983 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL TWA (ppm)	400 ppm
<b>Northwest Territories</b>	OEL STEL (ppm)	400 ppm
<b>Northwest Territories</b>	OEL TWA (ppm)	200 ppm
<b>Ontario</b>	OEL STEL (ppm)	400 ppm
<b>Ontario</b>	OEL TWA (ppm)	200 ppm
<b>Prince Edward Island</b>	OEL STEL (ppm)	400 ppm
<b>Prince Edward Island</b>	OEL TWA (ppm)	200 ppm
<b>Québec</b>	VECD (mg/m <sup>3</sup> )	1230 mg/m <sup>3</sup>
<b>Québec</b>	VECD (ppm)	500 ppm
<b>Québec</b>	VEMP (mg/m <sup>3</sup> )	985 mg/m <sup>3</sup>
<b>Québec</b>	VEMP (ppm)	400 ppm
<b>Saskatchewan</b>	OEL STEL (ppm)	400 ppm
<b>Saskatchewan</b>	OEL TWA (ppm)	200 ppm
<b>Yukon</b>	OEL STEL (mg/m <sup>3</sup> )	1225 mg/m <sup>3</sup>
<b>Yukon</b>	OEL STEL (ppm)	500 ppm
<b>Yukon</b>	OEL TWA (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
<b>Yukon</b>	OEL TWA (ppm)	400 ppm
<b>D-Limonene (5989-27-5)</b>		
<b>USA AIHA</b>	WEEL TWA (ppm)	30 ppm
<b>Citral (5392-40-5)</b>		
<b>USA ACGIH</b>	ACGIH TWA (ppm)	5 ppm (inhalable fraction and vapor)
<b>USA ACGIH</b>	ACGIH chemical category	dermal sensitizer, Skin - potential significant contribution to overall exposure by the cutaneous route, Not Classifiable as a Human Carcinogen
<b>Manitoba</b>	OEL TWA (ppm)	5 ppm (inhalable fraction and vapor)
<b>Newfoundland &amp; Labrador</b>	OEL TWA (ppm)	5 ppm (inhalable fraction and vapor)
<b>Nova Scotia</b>	OEL TWA (ppm)	5 ppm (inhalable fraction and vapor)
<b>Ontario</b>	OEL TWA (ppm)	5 ppm (inhalable fraction and vapor)
<b>Prince Edward Island</b>	OEL TWA (ppm)	5 ppm (inhalable fraction and vapor)
<b>Diethyl phthalate (84-66-2)</b>		
<b>Mexico</b>	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
<b>Mexico</b>	OEL STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
<b>USA ACGIH</b>	ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
<b>USA ACGIH</b>	ACGIH chemical category	Not Classifiable as a Human Carcinogen
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
<b>Alberta</b>	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>

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British Columbia	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Manitoba	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
New Brunswick	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Newfoundland & Labrador	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Nova Scotia	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Nunavut	OEL STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Nunavut	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Northwest Territories	OEL STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Northwest Territories	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Ontario	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Prince Edward Island	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Québec	VEMP (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Saskatchewan	OEL STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Saskatchewan	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Yukon	OEL STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Yukon	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>

<b>Benzyl acetate (140-11-4)</b>		
USA ACGIH	ACGIH TWA (ppm)	10 ppm
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
Alberta	OEL TWA (mg/m <sup>3</sup> )	61 mg/m <sup>3</sup>
Alberta	OEL TWA (ppm)	10 ppm
British Columbia	OEL TWA (ppm)	10 ppm
Manitoba	OEL TWA (ppm)	10 ppm
New Brunswick	OEL TWA (mg/m <sup>3</sup> )	61 mg/m <sup>3</sup>
New Brunswick	OEL TWA (ppm)	10 ppm
Newfoundland & Labrador	OEL TWA (ppm)	10 ppm
Nova Scotia	OEL TWA (ppm)	10 ppm
Northwest Territories	OEL STEL (ppm)	20 ppm
Northwest Territories	OEL TWA (ppm)	10 ppm
Ontario	OEL TWA (ppm)	10 ppm
Prince Edward Island	OEL TWA (ppm)	10 ppm
Saskatchewan	OEL STEL (ppm)	20 ppm
Saskatchewan	OEL TWA (ppm)	10 ppm

## 8.2. Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear protective gloves.

**Eye Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Other Information:** When using, do not eat, drink or smoke

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Pink
Odor	: Pleasant
Odor Threshold	: Not available
pH	: 6 - 8
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: Not available
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20°C	: Not available
Relative Density	: Not available
Specific Gravity	: 0.99 g/ml
Solubility	: Water: Completely in water
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available
Explosion Data - Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data - Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

## SECTION 10: STABILITY AND REACTIVITY

- 10.1. **Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. **Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. **Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. **Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.
- 10.5. **Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- 10.6. **Hazardous Decomposition Products:** Thermal decomposition generates: Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides. Halogenated Compounds.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects - Product

- Acute Toxicity:** Not classified
- LD50 and LC50 Data:** Not available
- Skin Corrosion/Irritation:** Not classified
- pH:** 6 - 8
- Serious Eye Damage/Irritation:** Causes serious eye irritation.
- pH:** 6 - 8
- Respiratory or Skin Sensitization:** Not classified
- Germ Cell Mutagenicity:** Not classified
- Teratogenicity:** Not available
- Carcinogenicity:** Not classified
- Specific Target Organ Toxicity (Repeated Exposure):** Not classified
- Reproductive Toxicity:** Not classified

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**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.

**Symptoms/Injuries After Skin Contact:** May cause skin irritation.

**Symptoms/Injuries After Eye Contact:** Contact causes severe irritation with redness and swelling of the conjunctiva.

**Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

### 11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

<b>Isopropyl alcohol (67-63-0)</b>	
LD50 Oral Rat	4710 mg/kg
LD50 Dermal Rabbit	4059 mg/kg
LC50 Inhalation Rat	72.6 mg/l/4h (Exposure time: 4 h)
LC50 Inhalation Rat	72.5 mg/l/4h
<b>D-Limonene (5989-27-5)</b>	
LD50 Oral Rat	4400 mg/kg
LD50 Dermal Rabbit	> 5 g/kg
<b>Citral (5392-40-5)</b>	
LD50 Oral Rat	4960 mg/kg
LD50 Dermal Rabbit	2250 mg/kg
<b>Diethyl phthalate (84-66-2)</b>	
LD50 Oral Rat	8600 mg/kg
LD50 Dermal Rat	> 11200 mg/kg
LC50 Inhalation Rat	5.68 mg/l/4h (Converted from 4.64 mg/l/6h)
<b>Benzyl acetate (140-11-4)</b>	
LD50 Oral Rat	2490 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg
<b>Isopropyl alcohol (67-63-0)</b>	
IARC Group	3
<b>D-Limonene (5989-27-5)</b>	
IARC Group	3
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.
<b>Benzyl acetate (140-11-4)</b>	
IARC Group	3

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecology - General:** Not classified.

<b>Isopropyl alcohol (67-63-0)</b>	
LC50 Fish 1	9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Other Aquatic Organisms 1	1000 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)
LC50 Fish 2	11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Other Aquatic Organisms 2	1000 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)
<b>D-Limonene (5989-27-5)</b>	
LC50 Fish 1	0.619 (0.619 - 0.796) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	0.421 mg/l

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LC50 Fish 2	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
<b>Citral (5392-40-5)</b>	
LC50 Fish 1	4.1 mg/l
EC50 Daphnia 1	7 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>Diethyl phthalate (84-66-2)</b>	
LC50 Fish 1	17 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	36 - 74 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	16.8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 2	86 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
<b>Benzyl acetate (140-11-4)</b>	
LC50 Fish 1	4 mg/l

## 12.2. Persistence and Degradability

<b>Fabric Softener</b>	
Persistence and Degradability	Not established.

## 12.3. Bioaccumulative Potential

<b>Fabric Softener</b>	
Bioaccumulative Potential	Not established.

<b>Isopropyl alcohol (67-63-0)</b>	
Log Pow	0.05 (at 25 °C)

<b>Citral (5392-40-5)</b>	
Log Pow	2.76 (at 25 °C)

<b>Diethyl phthalate (84-66-2)</b>	
BCF Fish 1	117
Log Pow	2.35 (at 20 °C)

<b>Benzyl acetate (140-11-4)</b>	
Log Pow	1.96

12.4. Mobility in Soil Not available

## 12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, and international regulations

**Additional Information:** Container may remain hazardous when empty. Continue to observe all precautions.

**Ecology - Waste Materials:** Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

- |                               |                             |
|-------------------------------|-----------------------------|
| 14.1. In Accordance with DOT  | Not regulated for transport |
| 14.2. In Accordance with IMDG | Not regulated for transport |
| 14.3. In Accordance with IATA | Not regulated for transport |
| 14.4. In Accordance with TDG  | Not regulated for transport |

## SECTION 15: REGULATORY INFORMATION

### 15.1. US Federal Regulations

<b>Fabric Softener</b>	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
<b>Poly(oxy-1,2-ethanediyl), .alpha.-[2-[bis(2-aminoethyl)methylammonio]ethyl]-.omega.-hydroxy-, N,N'-ditallow acyl derivatives, methyl sulfates (salts) (68410-69-5)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	



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<b>Isopropyl alcohol (67-63-0)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
<b>EPA TSCA Regulatory Flag</b>	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA
<b>SARA Section 313 - Emission Reporting</b>	1.0 % (only if manufactured by the strong acid process, no supplier notification)
<b>D-Limonene (5989-27-5)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Citral (5392-40-5)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Diethyl phthalate (84-66-2)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Benzyl acetate (140-11-4)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

### 15.2. US State Regulations

<b>Isopropyl alcohol (67-63-0)</b>	
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List	
<b>Diethyl phthalate (84-66-2)</b>	
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List	
<b>Benzyl acetate (140-11-4)</b>	
U.S. - New Jersey - Right to Know Hazardous Substance List	

### 15.3. Canadian Regulations

<b>Fabric Softener</b>	
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects
	
<b>Poly(oxy-1,2-ethanediyl), .alpha.-[2-[bis(2-aminoethyl)methylammonio]ethyl]-.omega.-hydroxy-, N,N'-ditallow acyl derivatives, methyl sulfates (salts) (68410-69-5)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects
<b>Isopropyl alcohol (67-63-0)</b>	
Listed on the Canadian DSL (Domestic Substances List) Listed on the Canadian IDL (Ingredient Disclosure List)	
IDL Concentration 1 %	
WHMIS Classification	Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects

# Fabric Softener

## Safety Data Sheet

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

<b>D-Limonene (5989-27-5)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
Listed on the Canadian IDL (Ingredient Disclosure List)	
IDL Concentration 1 %	
WHMIS Classification	Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects
<b>Citral (5392-40-5)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
Listed on the Canadian IDL (Ingredient Disclosure List)	
IDL Concentration 1 %	
WHMIS Classification	Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects
<b>Diethyl phthalate (84-66-2)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
Listed on the Canadian IDL (Ingredient Disclosure List)	
IDL Concentration 0.1 %	
WHMIS Classification	Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects
<b>Benzyl acetate (140-11-4)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class B Division 3 - Combustible Liquid

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** : 06/03/2016  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

### GHS Full Text Phrases:

Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
H319	Causes serious eye irritation

### Party Responsible For The Preparation Of This Document

Faultless Starch/ Bon Ami Co.: 1-816-842-1230 (for product information); 1-800-424-9300 (for emergencies)

*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.*

NA GHS SDS