

SECTION 1: Identification**1.1. Identification**

Product form : Mixture
Product name : Fabric Softener

1.2. Recommended use and restrictions on use

Recommended use : Consumer use

1.3. Supplier

Method Products, pbc
637 Commercial Street
Suite 300
San Francisco, CA 94111 - USA
T 8669638463
nicole@peopleagainstdirty.com

1.4. Emergency telephone number

Emergency number : CHEMTREC - 1-800-424-9300
(U.S./ Canada) or 1-703-527-3887

SECTION 2: Hazard(s) identification**2.1. Classification of the substance or mixture****GHS-US classification**

Not classified

2.2. GHS Label elements, including precautionary statements**GHS-US labeling**

No labeling applicable

2.3. Other hazards which do not result in classification

No additional information available

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	%
Poly(oxy-1,2-ethanediyl), .alpha.-[2-[bis(2-aminoethyl)methylammonio]ethyl]-.omega.-hydroxy-, N,N'-di-(C14-18) acyl derivatives, methyl sulfates (salts)	(CAS-No.) 70914-09-9	1 - 5
1,2-propanediol	(CAS-No.) 57-55-6	<1

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 : If symptoms persist, call a physician.
First-aid measures after inhalation : Remove to fresh air.
First-aid measures after skin contact : Wash immediately with lots of water.
First-aid measures after eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
First-aid measures after ingestion : Do NOT induce vomiting. Rinse mouth out with water. Drink plenty of water. Get immediate medical advice/attention.

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

No additional information available

Fabric Softener

Safety Data Sheet

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

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Specific hazards arising from the chemical

Fire hazard : None.
Reactivity : None.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Wear self contained breathing apparatus for fire fighting if necessary.

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

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Other information : Recycle product or dispose safely.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes. Keep container closed when not in use.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of reach of children. Store in dry, cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Poly(oxy-1,2-ethanediyl), .alpha.-[2-[bis(2-aminoethyl)methylammonio]ethyl]-.omega.-hydroxy-, N,N'-di-(C14-18) acyl derivatives, methyl sulfates (salts) (70914-09-9)

Not applicable

1,2-propanediol (57-55-6)

AIHA	WEEL TWA (mg/m³)	10 mg/m³
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8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Translucent.

Fabric Softener

Safety Data Sheet

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

Color	: amber
Odor	: pleasant
Odor threshold	: No data available
pH	: 5.1 - 7
Melting point	: < 0 °C
Freezing point	: No data available
Boiling point	: > 100 °C
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: 2.27 kPa
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: completely soluble.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 85 cP
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

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None known based on information supplied.

10.4. Conditions to avoid

None known based on information supplied.

10.5. Incompatible materials

None known based on information supplied.

10.6. Hazardous decomposition products

None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

1,2-propanediol (57-55-6)	
LD50 oral rat	20000 mg/kg (Rat; Experimental value)
LD50 dermal rat	22500 mg/kg (Rat; Experimental value)
LD50 dermal rabbit	20800 mg/kg (Rabbit; Experimental value)
ATE US (oral)	20000 mg/kg body weight
ATE US (dermal)	20800 mg/kg body weight

Skin corrosion/irritation : Not classified
pH: 5.1 - 7

Fabric Softener

Safety Data Sheet

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

Serious eye damage/irritation	: Not classified pH: 5.1 - 7
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
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

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
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1,2-propanediol (57-55-6)

LC50 fish 1	51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	34400 mg/l (EC50; 48 h)
LC50 fish 2	51600 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Oncorhynchus mykiss)

12.2. Persistence and degradability

1,2-propanediol (57-55-6)

Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil.
Biochemical oxygen demand (BOD)	0.96 - 1.08 g O ₂ /g substance
Chemical oxygen demand (COD)	1.63 g O ₂ /g substance
ThOD	1.69 g O ₂ /g substance
BOD (% of ThOD)	0.57

12.3. Bioaccumulative potential

1,2-propanediol (57-55-6)

BCF fish 1	< 1
Log Pow	-1.41 - -0.30 (-0.92; Experimental value; -1.07; Experimental value; Equivalent or similar to OECD 107; 20.5 °C)
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

1,2-propanediol (57-55-6)

Surface tension	0.036 N/m (25 °C)
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12.5. Other adverse effects

Effect on the global warming	: No known effects from this product.
GWPmix comment	: No known effects from this product.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods	: Must follow special treatment according to local regulation. Recover or recycle if possible.
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Fabric Softener

Safety Data Sheet

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

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

Fabric Softener

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

Poly(oxy-1,2-ethanediyl), .alpha.-[2-[bis(2-aminoethyl)methylammonio]ethyl]-.omega.-hydroxy-, N,N'-di-(C14-18) acyl derivatives, methyl sulfates (salts) (70914-09-9)

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 Inventory Update Reporting Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).

1,2-propanediol (57-55-6)

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

15.2. International regulations

CANADA

Poly(oxy-1,2-ethanediyl), .alpha.-[2-[bis(2-aminoethyl)methylammonio]ethyl]-.omega.-hydroxy-, N,N'-di-(C14-18) acyl derivatives, methyl sulfates (salts) (70914-09-9)

Listed on the Canadian NDSL (Non-Domestic Substances List)

1,2-propanediol (57-55-6)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

1,2-propanediol (57-55-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Fabric Softener

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Poly(oxy-1,2-ethanediyl), .alpha.-[2-[bis(2-aminoethyl)methylammonio]ethyl]-.omega.-hydroxy-, N,N'-di-(C14-18) acyl derivatives, methyl sulfates (salts) (70914-09-9)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Fabric Softener

Safety Data Sheet

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

1,2-propanediol (57-55-6)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

15.3. US State regulations

1,2-propanediol (57-55-6)

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

SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments
		First issue	

SDS US (GHS HazCom 2012)

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