

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Product name : 4x Laundry Detergent - All Fragrances

1.2. Recommended use and restrictions on use

Recommended use : Consumer use,Detergent

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

Skin corrosion/irritation Category 2 : Causes skin irritation
 Skin sensitization, Category 1 : May cause an allergic skin reaction

2.2. GHS Label elements, including precautionary statements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) : Warning
 Hazard statements (GHS-US) : Causes skin irritation
 May cause an allergic skin reaction
 Precautionary statements (GHS-US) : Avoid breathing fume, dust, mist, spray, gas, vapors
 Wash hands, forearms and face thoroughly after handling
 Contaminated work clothing must not be allowed out of the workplace
 Wear protective gloves, eye protection
 If on skin: Wash with plenty of water
 Specific treatment (see Section 4 on this label)
 If skin irritation occurs: Get medical advice/attention
 If skin irritation or rash occurs: Get medical advice/attention
 Take off contaminated clothing and wash it before reuse
 Wash contaminated clothing before reuse
 Dispose of contents/container to Collection point

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : None under normal conditions.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

4x Laundry Detergent - All Fragrances

Safety Data Sheet

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

Name	Product identifier	%
Sodium Lauryl Sulfate	(CAS-No.) 151-21-3	25 - 30
Alcohols, C12-16, ethoxylated	(CAS-No.) 68551-12-2	5 - 10
POTASSIUM COCOATE	(CAS-No.) 61789-30-8	1 - 5
Fatty acids, soya, esters with polyethylene glycol monomethyl ether	(CAS-No.) 864529-51-1	1 - 5
DECETH-10	(CAS-No.) 26183-52-8	1 - 5
PEG 300 Monoctyl Ether	(CAS-No.) 27252-75-1	1 - 5
subtilisin	(CAS-No.) 9014-01-1	< 1
4-formylphenylboronic acid	(CAS-No.) 87199-17-5	< 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 skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. 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)

Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
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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.
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5.2. Specific hazards arising from the chemical

Reactivity	: None.
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5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Wear self contained breathing apparatus for fire fighting if necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.
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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".
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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.
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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 skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with eyes. Keep container closed when not in use.
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4x Laundry Detergent - All Fragrances

Safety Data Sheet

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

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

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

Sodium Lauryl Sulfate (151-21-3)		
Not applicable		
POTASSIUM COCOATE (61789-30-8)		
Not applicable		
DECETH-10 (26183-52-8)		
Not applicable		
PEG 300 Monoethyl Ether (27252-75-1)		
Not applicable		
Fatty acids, soya, esters with polyethylene glycol monomethyl ether (864529-51-1)		
Not applicable		
Alcohols, C12-16, ethoxylated (68551-12-2)		
Not applicable		
subtilisin (9014-01-1)		
ACGIH	ACGIH Ceiling (mg/m ³)	0.00006 mg/m ³ (Subtilisins, as 100% crystalline active enzyme; USA; Momentary value; TLV - Adopted Value)
NIOSH	NIOSH REL (STEL) (mg/m ³)	0.00006 mg/m ³
4-formylphenylboronic acid (87199-17-5)		
Not applicable		

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
Color : amber
Odor : Pleasant odour
Odor threshold : No data available
pH : 7.9 - 8.3
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 flammable.
Vapor pressure : 2.27 kPa
Relative vapor density at 20 °C : No data available
Relative density : No data available
Solubility : No data available

4x Laundry Detergent - All Fragrances

Safety Data Sheet

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

Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 80 - 150 cP
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

VOC content : 0

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

No additional information available

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

Sodium Lauryl Sulfate (151-21-3)	
LD50 oral rat	1288 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Literature study; 977 mg/kg bodyweight; Rat; OECD 401: Acute Oral Toxicity; Experimental value; 1427 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rat	< 2000 mg/kg (Rat; Literature study)
LD50 dermal rabbit	> 580 mg/kg (Rabbit; Read-across; Equivalent or similar to OECD 402; >2000 mg/kg bodyweight; Rabbit)
LC50 inhalation rat (mg/l)	> 3900 mg/m ³ (Exposure time: 1 h)
ATE US (oral)	1288 mg/kg body weight
ATE US (dermal)	300 mg/kg body weight

Fatty acids, soya, esters with polyethylene glycol monomethyl ether (864529-51-1)	
LD50 oral rat	> 2000 mg/kg body weight (mouse)

subtilisin (9014-01-1)	
LD50 oral rat	3700 mg/kg (Rat)
ATE US (oral)	3700 mg/kg body weight

Skin corrosion/irritation	: Causes skin irritation. pH: 7.9 - 8.3
Serious eye damage/irritation	: Not classified pH: 7.9 - 8.3
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

4x Laundry Detergent - All Fragrances

Safety Data Sheet

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

Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.

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.

Sodium Lauryl Sulfate (151-21-3)	
LC50 fish 1	8 - 12.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	1.8 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	15 - 18.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

subtilisin (9014-01-1)	
LC50 fish 1	> 100 mg/l (LC50)

12.2. Persistence and degradability

Sodium Lauryl Sulfate (151-21-3)	
Persistence and degradability	Readily biodegradable in water. Highly mobile in soil.

subtilisin (9014-01-1)	
Persistence and degradability	Biodegradability in water: no data available.

12.3. Bioaccumulative potential

Sodium Lauryl Sulfate (151-21-3)	
BCF fish 1	3.9 - 5.3 (BCF; 72 h)
BCF fish 2	7.15 (BCF)
Log Pow	<= -2.03 (Calculated; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method; 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

subtilisin (9014-01-1)	
Bioaccumulative potential	No bioaccumulation data available.

12.4. Mobility in soil

Sodium Lauryl Sulfate (151-21-3)	
Surface tension	0.0252 N/m (23 °C; 1 g/l)
Log Koc	Koc,SRC PCKOCWIN v2.0; 35.13; Experimental value; log Koc; SRC PCKOCWIN v2.0; 1.545; Experimental value

12.5. Other adverse effects

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

4x Laundry Detergent - All Fragrances

Safety Data Sheet

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

SECTION 13: Disposal considerations

13.1. Disposal methods

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

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not applicable

Transportation of Dangerous Goods

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

4x Laundry Detergent - All Fragrances

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

Sodium Lauryl Sulfate (151-21-3)

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

POTASSIUM COCOATE (61789-30-8)

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

DECETH-10 (26183-52-8)

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)).

PEG 300 Monoctyl Ether (27252-75-1)

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

Fatty acids, soya, esters with polyethylene glycol monomethyl ether (864529-51-1)

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

EPA TSCA Regulatory Flag

P - P - indicates a commenced PMN substance.
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)).

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

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

4x Laundry Detergent - All Fragrances

Safety Data Sheet

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

4-formylphenylboronic acid (87199-17-5)

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

EPA TSCA Regulatory Flag

P - P - indicates a commenced PMN substance.

15.2. International regulations

CANADA

4x Laundry Detergent - All Fragrances

Listed on the Canadian DSL (Domestic Substances List)

Sodium Lauryl Sulfate (151-21-3)

Listed on the Canadian DSL (Domestic Substances List)

POTASSIUM COCOATE (61789-30-8)

Listed on the Canadian DSL (Domestic Substances List)

DECETH-10 (26183-52-8)

Listed on the Canadian DSL (Domestic Substances List)

PEG 300 Monoethyl Ether (27252-75-1)

Listed on the Canadian DSL (Domestic Substances List)

Fatty acids, soya, esters with polyethylene glycol monomethyl ether (864529-51-1)

Listed on the Canadian DSL (Domestic Substances List)

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

Listed on the Canadian DSL (Domestic Substances List)

subtilisin (9014-01-1)

Listed on the Canadian DSL (Domestic Substances List)

4-formylphenylboronic acid (87199-17-5)

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

EU-Regulations

Sodium Lauryl Sulfate (151-21-3)

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

POTASSIUM COCOATE (61789-30-8)

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

DECETH-10 (26183-52-8)

Listed on the EU NLP (No Longer Polymers) inventory

PEG 300 Monoethyl Ether (27252-75-1)

Listed on the EU NLP (No Longer Polymers) inventory

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

Listed on the EU NLP (No Longer Polymers) inventory

subtilisin (9014-01-1)

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

4-formylphenylboronic acid (87199-17-5)

Listed on ELINCS (European List of Notified Chemical Substances)

National regulations

4x Laundry Detergent - All Fragrances

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

4x Laundry Detergent - All Fragrances

Safety Data Sheet

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

Sodium Lauryl Sulfate (151-21-3)

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)
Japanese Pollutant Release and Transfer Register Law (PRTR Law)
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)

POTASSIUM COCOATE (61789-30-8)

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 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 the TCSI (Taiwan Chemical Substance Inventory)

DECETH-10 (26183-52-8)

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 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 CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

PEG 300 Monoethyl Ether (27252-75-1)

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 CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

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

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 Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
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subtilisin (9014-01-1)

Listed on the AICS (Australian Inventory of Chemical Substances)
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Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

4-formylphenylboronic acid (87199-17-5)

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 NZIoC (New Zealand Inventory of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

15.3. US State regulations

No additional information available

4x Laundry Detergent - All Fragrances

Safety Data Sheet

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

SECTION 16: Other information

Full text of H-phrases:

H302	Harmful if swallowed
H311	Toxic in contact with skin
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
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Indication of changes:

Section	Changed item	Change	Comments

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