



## SAFETY DATA SHEET

Issue Date 20-May-2015

Revision Date 20-May-2015

Version 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** 4x Laundry Detergent

**Product Code** MSDS-AC

**Recommended Use** Consumer use  
Detergent

**Supplier Address**

Method Products Inc.  
637 Commercial St  
Suite 300  
San Francisco, CA 94111  
866-963-8463

### 2. HAZARDS IDENTIFICATION

**ATTENTION**

**Emergency Overview**

May produce an allergic reaction  
May cause skin irritation and/or dermatitis

**Appearance** translucent, amber

**Physical state** Liquid.

**Odor** Pleasant

**Potential health effects**

**Principle Routes of Exposure** Skin Contact

**Acute toxicity**

**Eyes**

Avoid contact with eyes. Direct contact with eyes poses risk of serious damage

**Skin**

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

May cause inflammation

**Inhalation**

Not an expected route of exposure.

**Ingestion**

Intentional ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

**CHRONIC EFFECTS**

Avoid repeated exposure. Repeated contact may cause allergic reactions in very susceptible persons

**Aggravated Medical Conditions**

Allergies  
Skin disorders

**Interactions with Other Chemicals**

Irritants  
Sensitizers  
Epoxies

**Environmental hazard**

See Section 12: Ecological Information

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	68585-47-7	10-30
Genapol LA060	68551-12-2	5-10
Sodium Lauryl Sulfate Solid (95%)	151-21-3	5-10
PEG 600 Decyl Ether	26183-52-8	1-5
PEG 300 Monoctyl Ether	27252-75-1	1-5
Soya methyl ester ethoxylate	864529-51-1	1-5
Potassium Cocoate	61789-30-8	1-5
subtisilin	9014-01-1	0.1-1
C11-15 Pareth 90	68131-40-8	<0.1
Benzisothiazolinone	2634-33-5	<0.1
Alpha Amylase Concentrate (Bacterial)	9000-90-2	<0.1
Methylisothiazolinone	2682-20-4	<0.1

**4. FIRST AID MEASURES**

<b>General advice</b>	If symptoms persist, call a physician.
<b>Eye Contact</b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice
<b>Skin Contact</b>	Wash off immediately with plenty of water.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Do NOT induce vomiting. Clean mouth with water and drink plenty of water. Get medical attention
<b>Note to physicians</b>	Treat symptomatically
<b>Self-protection of the first aider</b>	Use personal protective equipment as required

**5. FIRE-FIGHTING MEASURES**

<b>Flammable properties</b>	Not flammable
<b>Flash Point Method</b>	Not determined
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
<b>Explosion data</b>	
<b>Sensitivity to Mechanical Impact</b>	None
<b>Sensitivity to Static Discharge</b>	None
<b>Specific hazards arising from the product</b>	In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors

**Protective equipment and precautions for firefighters** Wear self contained breathing apparatus for fire fighting if necessary

<b>NFPA</b>	<b>Health hazards</b> 1	<b>Flammability</b> 0	<b>Stability</b> 0	<b>Physical and Chemical Properties</b> -
<b>HMIS</b>	<b>Health hazards</b> 1	<b>Flammability</b> 0	<b>Physical hazards</b> 0	<b>Personal protection</b> -

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** Avoid contact with eyes.

**Environmental precautions** Avoid release to the environment

**Methods for containment** Prevent further leakage or spillage if safe to do so

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

## 7. HANDLING AND STORAGE

**Advice on safe handling** Avoid contact with eyes. Keep container closed when not in use.

**Storage Conditions** Keep out of the reach of children. Keep container tightly closed in a dry and well-ventilated place

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**For Household Settings** This product is safe for consumers and other users under normal and reasonably foreseen use.

**For Occupational Settings** Use safety goggles if splash hazards exist. Avoid prolonged contact with skin and clothing. Always follow good hygienic work practices.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Liquid	<b>Color</b>	translucent and Colored
<b>Odor</b>	Pleasant		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	7.9 - 8.3		
<b>Melting point / freezing point</b>	< 0 °C		
<b>Boiling point / boiling range</b>	> 100 °C		
<b>Flash Point</b>	Not established		
<b>Evaporation rate</b>	> 1.00 (water = 1)		
<b>Flammability (solid, gas)</b>			
<b>Flammability Limit in Air</b>			
<b>Upper Flammability Limit</b>	Not flammable		
<b>Lower flammability limit</b>	Not flammable		
<b>Vapor pressure</b>	2.27 kPa @ 20 °C		
<b>Vapor density</b>	Not established		
<b>Specific Gravity</b>	1.06		
<b>Water solubility</b>	completely soluble		
<b>Autoignition temperature</b>	Not established		
<b>Decomposition temperature</b>	Not established		
<b>Kinematic viscosity</b>	Not Determined		
<b>Dynamic viscosity</b>	80 - 150 cP @ 25°C		
<b>Explosive properties</b>	Not an explosive		

<b>Oxidizing properties</b>	None
<b>VOC Content (%)</b>	0
<b>Bulk density</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions
<b>Incompatible materials</b>	None known based on information supplied
<b>Conditions to Avoid</b>	None known based on information supplied
<b>Hazardous Decomposition Products</b>	None known based on information supplied
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information
<b>Eye Contact</b>	Direct contact with eyes poses risk of serious damage
<b>Skin Contact</b>	Prolonged or repeated contact may dry skin and cause irritation
<b>Ingestion</b>	Intentional ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Lauryl Sulfate Solid (95%)	= 977 mg/kg ( Rat )	= 580 mg/kg ( Rat )	

### Chronic toxicity

<b>Chronic toxicity</b>	Avoid repeated exposure. Repeated contact may cause allergic reactions in very susceptible persons
<b>Target Organ Effects</b>	Not expected

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Considering the limited amount applied during normal use and the size of the container, the risk of adverse environmental effects is considered small.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Sodium Lauryl Sulfate Solid (95%)	117: 96 h Pseudokirchneriella subcapitata mg/L EC50	10.2 - 22.5: 96 h Pimephales promelas mg/L LC50 semi-static 4.3 - 8.5: 96 h Oncorhynchus mykiss mg/L LC50 static	1.8: 48 h Daphnia magna mg/L EC50
Lactic Acid	3.5: 70 h Pseudokirchneriella subcapitata mg/L EC50	100 - 180: 96 h Lepomis macrochirus mg/L LC50 static 100 - 180: 96 h Oncorhynchus mykiss mg/L LC50 static 320: 96 h Brachydanio rerio mg/L LC50 semi-static	180 - 320: 48 h Daphnia magna mg/L EC50 Static 240: 48 h Daphnia magna mg/L EC50
Isopropanolamine	23: 72 h Desmodesmus subspicatus mg/L EC50		108.82: 48 h Daphnia magna Straus mg/L EC50

Phenoxyethanol	500: 72 h Desmodemus subspicatus mg/L EC50	220 - 460: 96 h Leuciscus idus mg/L LC50 static 337 - 352: 96 h Pimephales promelas mg/L LC50 flow-through	500: 48 h Daphnia magna mg/L EC50
Calcium Chloride		10650: 96 h Lepomis macrochirus mg/L LC50 static	2400: 48 h Daphnia magna mg/L LC50
Propylene Glycol		41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 710: 96 h Pimephales promelas mg/L LC50	
Disodium Distyrylbiphenyl Disulfonate	10.0 - 11.0: 96 h Desmodemus subspicatus mg/L EC50 10: 72 h Desmodemus subspicatus mg/L EC50	76: 96 h Brachydanio rerio mg/L LC50 static	1000: 48 h Daphnia magna mg/L EC50

**Persistence and degradability** The surface active components used in this product are readily biodegradable.

Chemical Name	Partition coefficient
Sodium Lauryl Sulfate Solid (95%)	1.6
Benzisothiazolinone	1.3

### 13. DISPOSAL CONSIDERATIONS

**Contaminated packaging** Dispose of in accordance with federal, state and local regulations. Recover or recycle if possible.

### 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

**ICAO (air)** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**RID** Not regulated

**ADR** Not regulated

**ADN** Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	Present	X		Present		Present	X	Present	X	X
Genapol LA060	Present	X				Present	X	Present	X	X
Sodium Lauryl Sulfate Solid (95%)	Present	X		Present		Present	X	Present	X	X
PEG 300 Monoctyl Ether	Present	X				Present	X	Present		X
Soya methyl ester ethoxylate	Present	X								
Potassium Cocoate	Present	X		Present		Present	X	Present	X	X

subtilisin	Present	X		Present			X	Present	X	X
C11-15 Pareth 90	Present	X				Present	X	Present	X	X
Benzisothiazolinone	Present	X		Present		Present	X	Present	X	X
Alpha Amylase Concentrate (Bacterial)	Present	X		Present			X	Present	X	X
Methylisothiazolinone	Present	X		Present		Present	X	Present	X	X

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

## US Federal Regulations

### SARA 313

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

### SARA 311/312 Hazard Categories

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

### CWA (Clean Water Act)

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)

### CERCLA

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

## US State Regulations

### California Proposition 65

Complies

## U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania
Glycerin	X	X	X

## International Regulations

### Canada

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

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**WHMIS Hazard Class**

Non-controlled

**WHMIS Note**

Class D2B - Skin/Eye Irritation reversible damage

**16. OTHER INFORMATION**

**Issue Date**

20-May-2015

**Revision Date**

20-May-2015

**Revision Note**

No information available

**End of Safety Data Sheet**