



SAFETY DATA SHEET

Issue Date 20-May-2015

Revision Date 20-May-2015

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name 8X Laundry
Product Code MSDS-J
Recommended Use Consumer use
laundry liquid

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-%
Genapol LA060	68551-12-2	10-30
Glycerin	56-81-5	10-30
Sodium Alphasulfo Methyl C12-18 ester	149458-07-1	7-13
Soya methyl ester ethoxylate	864529-51-1	1-5
PEG 300 Monoctyl Ether	27252-75-1	1-5
Polyethylene glycol monomethyl ether	9004-74-4	1-5
Isopropanolamine	78-96-6	1-5
Propylene Glycol	57-55-6	1-5
D-Glucopyranose, oligomers, decyl octyl glycosides	68515-73-1	1-5
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	110615-47-9	1-5
subtilisin	9014-01-1	0.1-1
Sodium Glycolate	2836-32-0	0.1-1
Sodium Carboxymethyl Inulin	430439-54-6	0.1-1
Benzisothiazolinone	2634-33-5	0.1-1
C9-11 Pareth 6	66455-14-9	0.1-1
Alpha Amylase Concentrate (Bacterial)	9000-90-2	<0.1
C11-15 Pareth 90	68131-40-8	<0.1
Mannanase	37288-54-3	<0.1
Disodium Distyrylbiphenyl Disulfonate	27344-41-8	<0.1
Cellulase	9012-54-8	<0.1

4. FIRST AID MEASURES

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

5. FIRE-FIGHTING MEASURES

Flammable properties	Not flammable
Flash Point Method	Not flammable
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Explosion data

Sensitivity to Mechanical Impact None
Sensitivity to Static Discharge None

Specific hazards arising from the product 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

NFPA	Health hazards 1	Flammability 0	Stability 0	Physical and Chemical Properties -
HMIS	Health hazards 1	Flammability 0	Physical hazards 0	Personal protection -

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

Physical state	Liquid	Color	translucent amber
Odor	Pleasant		

Property	Values	Remarks • Method
pH	7.0 - 8.3	
Melting point / freezing point	< 0 °C	
Boiling point / boiling range	> 100 °C	
Flash Point	Not flammable	
Evaporation rate	> 1.00 (water = 1)	
Flammability (solid, gas)		
Flammability Limit in Air		
Upper Flammability Limit	Not flammable	
Lower flammability limit	Not flammable	

Vapor pressure	2.27 kPa @ 20 °C
Vapor density	Not established
Specific Gravity	1.06
Water solubility	completely soluble
Autoignition temperature	Not established
Decomposition temperature	Not established
Kinematic viscosity	Not Determined
Dynamic viscosity	85 cP @ 25°C
Explosive properties	Not an explosive
Oxidizing properties	None
VOC Content (%)	0
Bulk density	No information available

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product Information	Product does not present an acute toxicity hazard based on known or supplied information
Eye Contact	Direct contact with eyes poses risk of serious damage
Skin Contact	May cause irritation upon direct contact
Ingestion	Intentional ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Lactic Acid	= 3730 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	
Boric Acid	= 2660 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	

Chronic toxicity

Chronic toxicity	Avoid repeated exposure. Repeated contact may cause allergic reactions in very susceptible persons
Target Organ Effects	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

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 Desmodemus subspicatus mg/L EC50		108.82: 48 h Daphnia magna Straus mg/L EC50
Propylene Glycol		41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 710: 96 h Pimephales promelas mg/L LC50	
Boric Acid		1020: 72 h Carassius auratus mg/L LC50 flow-through	115 - 153: 48 h Daphnia magna mg/L EC50
Methyl Laurate	1.5: 96 h Desmodemus subspicatus mg/L EC50	1000: 96 h Lepomis macrochirus mg/L LC50 static	
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
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
Glycerin	-1.76
Isopropanolamine	-0.94
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

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO (air)</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
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Genapol LA060	Present	X			Present	X	Present	X	X
Glycerin	Present	X		Present	Present	X	Present	X	X
Sodium Alphasulfo Methyl C12-18 ester	Present	X				X	Present		X
Soya methyl ester ethoxylate	Present	X							
PEG 300 Monoctyl Ether	Present	X			Present	X	Present		X
Polyethylene glycol monomethyl ether	Present	X			Present	X	Present	X	X
Isopropanolamine	Present	X		Present	Present	X	Present	X	X
Propylene Glycol	Present	X		Present	Present	X	Present	X	X
D-Glucopyranose, oligomers, decyl octyl glycosides	Present	X				X	Present	X	X
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	Present	X			Present	X	Present	X	X
subtilisin	Present	X		Present		X	Present	X	X
Sodium Glycolate	Present	X		Present	Present	X	Present	X	X
Sodium Carboxymethyl Inulin	Present	X					Present		
Benzisothiazolinone	Present	X		Present	Present	X	Present	X	X
C9-11 Pareth 6	Present	X			Present	X	Present	X	X
Alpha Amylase Concentrate (Bacterial)	Present	X		Present		X	Present	X	X
C11-15 Pareth 90	Present	X			Present	X	Present	X	X
Mannanase	Present	X		Present		X	Present	X	X
Disodium Distyrylbiphenyl Disulfonate	Present	X		Present	Present	X	Present	X	X
Cellulase	Present	X		Present		X	Present	X	X

DSL/NDSL - 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

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	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
Ethanol	X	X	X
Isopropanolamine	X	X	X
Propylene Glycol		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

WHMIS Hazard Class

Non-controlled

WHMIS Note

Class D2B - Skin/Eye Irritation reversible damage

16. OTHER INFORMATION

Issue Date 20-May-2015
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Revision Note No information available

End of Safety Data Sheet