



SAFETY DATA SHEET

Issue Date 20-May-2015

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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 | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--------------------------------|--------------------|-------------------------|
| 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 Desmodesmus 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 Desmodesmus subspicatus mg/L EC50 | 1000: 96 h Lepomis macrochirus mg/L LC50 static | |
| Phenoxyethanol | 500: 72 h Desmodesmus 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 Desmodesmus subspicatus mg/L EC50 10: 72 h Desmodesmus 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

| | |
|-------------------|---------------|
| 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 |
|---------------|------|-----|------|--------|--------|------|-------|------|-------|------|
|---------------|------|-----|------|--------|--------|------|-------|------|-------|------|

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

End of Safety Data Sheet