



SAFETY DATA SHEET

Issue Date No data available

Revision Date 12-May-2015

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Toilet Antibac
Product Code MSDS-T
Recommended Use Consumer use
Cleaning agent
Disinfectant

Supplier Address

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

Emergency Telephone No information available

2. HAZARDS IDENTIFICATION

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance pale yellow **Physical state** Liquid. **Odor** Pleasant

Potential health effects

Acute toxicity

Eyes

Not an expected route of exposure. . Contact with eyes may cause irritation

Skin

Prolonged or repeated contact may dry skin and cause irritation

Inhalation

Not an expected route of exposure.

Ingestion

Not an expected route of exposure. . Intentional ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

CHRONIC EFFECTS

No known effect based on information supplied

Aggravated Medical Conditions

None known

Environmental hazard

See Section 12: Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
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Citric Acid	77-92-9	3-7
Sodium Lauryl Sulfate	151-21-3	0.1-1

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	Clean mouth with water and drink plenty of water. Do NOT induce vomiting. Get medical attention
Note to physicians	Treat symptomatically

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			
<u>Explosion data</u>				
Sensitivity to Mechanical Impact	None			
Sensitivity to Static Discharge	None			
Protective equipment and precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear			
<u>NFPA</u>	Health hazards 0	Flammability 0	Stability 0	Physical and Chemical Properties -
<u>HMIS</u>	Health hazards 0	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	light blue
Odor	Pleasant		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	2.55 - 3.05		
Melting point / freezing point	< 0 °C		
Boiling point / boiling range	> 100 °C		
Flash Point			
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	Not established		
Vapor density	Not established		
Specific Gravity	1.02		
Water solubility	Soluble in water		
Autoignition temperature	Not Applicable		
Decomposition temperature	Not established		
Kinematic viscosity	Not Determined		
Dynamic viscosity	water-thin		
Explosive properties	Not an explosive		
Oxidizing properties	Not Applicable		
VOC Content (%)	0		
Bulk density	Not established		

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	May cause slight irritation

Skin Contact	Prolonged or repeated contact may dry skin and cause irritation
Ingestion	Moderately toxic Intentional ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

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

Chronic toxicity

Target Organ Effects None known

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
Citric Acid			120: 72 h Daphnia magna mg/L EC50
Sodium Lauryl Sulfate	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

Persistence and degradability The surface active component(s) used in this product are readily biodegradable.

Chemical Name	Partition coefficient
Citric Acid Solution	-1.72
Sodium Lauryl Sulfate Solid (95%)	1.6

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

ADN

Not regulated

15. REGULATORY INFORMATION**International Inventories**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Citric Acid Solution	Present	X		Present		Present	X	Present	X	X
Sodium Lauryl Sulfate Solid (95%)	Present	X		Present		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	No
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**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

16. OTHER INFORMATION

Revision Date

12-May-2015

Revision Note

No information available

End of Safety Data Sheet