



SAFETY DATA SHEET

Issue Date No data available

Revision Date 11-May-2015

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Antibac Spray - All Fragrances

Product Code MSDS-M

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

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910 1200) and no further GHS elements are needed in Section 2

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

Potential health effects

Principle Routes of Exposure Skin Contact

Acute toxicity

Eyes May cause slight 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-%
Citric Acid	77-92-9	3-7
Sodium Lauryl Sulfate	151-21-3	0.1-1
Sodium Alphasulfo Methyl C12-18 ester	149458-07-1	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 (based on components)
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
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
NFPA	Health hazards 0 Flammability 0 Stability 0 Physical and Chemical Properties -
HMIS	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.
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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
Odor Pleasant
Color pale yellow

<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	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	0.62 (air = 1)	
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	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 Solution			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
Methanol		100: 96 h Pimephales promelas mg/L LC50 static	

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	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

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
Citric Acid Solution	Present	X		Present		Present	X	Present	X	X
Sodium Lauryl Sulfate	Present	X		Present		Present	X	Present	X	X
Sodium Alphasulfo Methyl C12-18 ester	Present	X					X	Present		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

Chemical Name	Massachusetts	New Jersey	Pennsylvania
Methanol	X	X	X
Sodium Sulfate	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

16. OTHER INFORMATION**Revision Date**

11-May-2015

Revision Note

No information available

End of Safety Data Sheet