



## SAFETY DATA SHEET

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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

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**

**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

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

#### 5. FIRE-FIGHTING MEASURES

<b>Flammable properties</b>	Not flammable
<b>Flash Point Method</b>	Not flammable (based on components)
<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>Protective equipment and precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
<b>NFPA</b>	Health hazards 0      Flammability 0      Stability 0      Physical and Chemical Properties -
<b>HMIS</b>	Health hazards 0      Flammability 0      Physical hazards 0      Personal protection -

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Avoid contact with eyes.
<b>Environmental precautions</b>	Avoid release to the environment
<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so
<b>Methods for cleaning up</b>	Take up mechanically, placing in appropriate containers for disposal.

#### 7. HANDLING AND STORAGE

<b>Advice on safe handling</b>	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

<b>Eye Contact</b>	May cause slight irritation
<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	= 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

<b><u>DOT</u></b>	Not regulated
<b><u>TDG</u></b>	Not regulated
<b><u>MEX</u></b>	Not regulated
<b><u>ICAO (air)</u></b>	Not regulated
<b><u>IATA</u></b>	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**