

# Material Safety Data Sheet

Carex® Antimicrobial Cleanser

MSDS ID: GP-600

**\*\*\* Section 1 - Chemical Product and Company Identification \*\*\*****Material Name:** Carex® Antimicrobial Cleanser**Product Use:** Antimicrobial Cleanser**Manufactured For:**Georgia-Pacific Corporation  
133 Peachtree Street NE  
Atlanta, GA 30303866-435-5647 Technical Information  
404-652-5119 MSDS Request  
Emergency # 800-424-9300 CHEMTREC**\*\*\* Section 2 - Hazards Identification \*\*\*****Emergency Overview**

CAUTION! Contact with product may cause slight irritation to eyes and skin. For external use only. Keep out of children's reach.

**Target Organs**

Eyes, skin.

**Potential Health Effects: Eyes**

May cause slight irritation.

**Potential Health Effects: Skin**

Not expected to be a primary skin irritant. Prolonged and/or repeated skin contact with this product may cause irritation in sensitive individuals.

**Potential Health Effects: Ingestion**

Not applicable under normal conditions of use. Harmful if ingested. May cause depression of central nervous system, nausea, vomiting, diarrhea.

**Potential Health Effects: Inhalation**

Not applicable under normal conditions of use.

**HMIS Ratings: Health: 0 Fire: 0 Physical Hazard: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

**\*\*\* Section 3 - Composition / Information on Hazardous Ingredients \*\*\***

CAS #	Component	Percent
9004-82-4	Sodium lauryl ether sulfate	3-7
68131-39-5	Alcohols, C12-15, ethoxylated	1-5
64-17-5	Ethyl alcohol	1-2
57-55-6	Propylene glycol	1-5
56-81-5	Glycerin	1-5

**Component Information/Information on Non-Hazardous Components**

This product has been evaluated according to Canada's Controlled Product Regulation and the OSHA Hazard Communication Standard (29CFR 1910.1200).

**\*\*\* Section 4 - First Aid Measures \*\*\*****First Aid: Eyes**

Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

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## First Aid: Skin

If irritation occurs, flush with large amounts of water. Get medical attention if irritation persists.

## First Aid: Ingestion

If ingested, seek medical attention or call poison control.

## First Aid: Inhalation

Not expected to be a significant route of exposure.

## First Aid: Notes to Physician

This product contains synthetic detergents.

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### General Fire Hazards

This product is an aqueous mixture which will not burn.

### Hazardous Combustion Products

Small amounts of nitrogen oxides, carbon monoxide, carbon dioxide, aldehydes and hydrocarbons may be released.

### Extinguishing Media

Use extinguishing media to treat the surrounding fire.

### Fire Fighting Equipment/Instructions

In the presence of combustible material, firefighters should wear full protective clothing including self contained breathing apparatus.

**NFPA Ratings: Health: 0 Fire: 0 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Containment Procedures

Contain the discharged material.

### Clean-Up Procedures

Soak into absorbent material and landfill. Thoroughly wash the area with water after a spill or leak clean-up.

### Evacuation Procedures

None necessary.

### Special Procedures

Surfaces become slippery after a spill. If large quantities enter a waterway, advise local authorities.

## \*\*\* Section 7 - Handling and Storage \*\*\*

### Handling Procedures

For external use only. Keep away from children. Avoid contact with the eyes. Wear gloves and safety glasses or goggles if handling large quantities.

### Storage Procedures

Store containers tightly closed and in an upright position.

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### A: Component Exposure Limits

#### Ethyl alcohol (64-17-5)

ACGIH: 1000 ppm TWA  
OSHA (Final): 1000 ppm TWA; 1900 mg/m<sup>3</sup> TWA

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## Glycerin (56-81-5)

ACGIH: 10 mg/m<sup>3</sup> TWA

### Engineering Controls

Ventilation is not normally required.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

None necessary under normal conditions of use. Wear safety glasses or goggles if handling large quantities.

#### Personal Protective Equipment: Skin

None necessary under normal conditions of use. Wear gloves if handling large quantities.

#### Personal Protective Equipment: Respiratory

Not normally needed.

## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	Viscous gold liquid	<b>Odor:</b>	Bland
<b>Vapor Pressure:</b>	Not determined	<b>pH</b>	5.5
<b>Boiling Point:</b>	Approximately 212°F	<b>Vapor Density:</b>	Not determined
<b>Solubility (H<sub>2</sub>O):</b>	Soluble	<b>Melting Point:</b>	Not determined
<b>Auto Ignition:</b>	Not applicable	<b>Specific Gravity:</b>	1.01 (water = 1)
<b>Flash Point:</b>	Not applicable	<b>Burning Rate:</b>	Not applicable
<b>Flammability Classification:</b>	Not applicable	<b>Flash Point Method:</b>	Not applicable
<b>Upper Flammability Limit:</b>	Not applicable	<b>Lower Flammability Limit:</b>	Not applicable

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

This is a stable material.

#### Chemical Stability: Conditions to Avoid

Do not allow to freeze. Avoid contact with excessive heat and incompatible substances.

#### Incompatibility

Materials that react with water.

#### Hazardous Decomposition

At thermal decomposition temperatures, small amounts of nitrogen oxides, carbon monoxide, carbon dioxide, aldehydes and hydrocarbons may be released.

#### Possibility of Hazardous Reactions

Will not occur.

## \*\*\* Section 11 - Toxicological Information \*\*\*

### Acute Dose Effects

#### A: General Product Information

Product may cause slight eye irritation. No acute or chronic toxic effects under normal conditions of use.

#### B: Component Analysis - LD<sub>50</sub>/LC<sub>50</sub>

##### Sodium lauryl ether sulfate (9004-82-4)

Oral LD<sub>50</sub> Rat: 1600 mg/kg

##### Ethyl alcohol (64-17-5)

Inhalation LC<sub>50</sub> Rat: 124.7 mg/L/4H; Oral LD<sub>50</sub> Rat: 1501 mg/kg

##### Propylene glycol (57-55-6)

Oral LD<sub>50</sub> Rat: 20000 mg/kg; Dermal LD<sub>50</sub> Rabbit: 20800 mg/kg

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## Glycerin (56-81-5)

Inhalation LC<sub>50</sub> Rat: >570 mg/m<sup>3</sup>/1H; Oral LD<sub>50</sub> Rat: 12600 mg/kg; Dermal LD<sub>50</sub> Rat: >21900 mg/kg; Dermal LD<sub>50</sub> Rabbit: >10 g/kg

## Repeated Dose Effects

Prolonged and/or repeated skin contact with this product may cause irritation in sensitive individuals. This product contains less than 2% ethyl alcohol. Chronic ingestion of ethyl alcohol can cause reproductive/developmental and liver disorders.

## Carcinogenicity

### A: General Product Information

No additional information available.

### B: Component Carcinogenicity

#### Ethyl alcohol (64-17-5)

IARC: Monograph 44, 1988 (Group 1 Carcinogenic to Humans)(Alcohol Drinking)

## \*\*\* Section 12 - Ecological Information \*\*\*

## Ecotoxicity

### A: General Product Information

No ecological considerations when used according to directions. Normal use and dilution of this product to drains, sewers, septic systems, and treatment plants is not considered environmentally harmful.

### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

#### Ethyl alcohol (64-17-5)

##### Test & Species

Test & Species	Concentration	Conditions
96 Hr LC <sub>50</sub> rainbow trout (30 days old)	12900 mg/L	flow-through
24 Hr LC <sub>50</sub> fingerling trout	11200 mg/L	
96 Hr LC <sub>50</sub> fathead minnow	14200 mg/L	flow-through
5 min EC <sub>50</sub> Photobacterium phosphoreum	35470 mg/L	
30 min EC <sub>50</sub> Photobacterium phosphoreum	34634 mg/L	

#### 1,2-Propylene glycol (57-55-6)

##### Test & Species

Test & Species	Concentration	Conditions
24 Hr LC <sub>50</sub> goldfish	>5000 mg/L	
48 Hr LC <sub>50</sub> guppy	>10000 mg/L	
30 min EC <sub>50</sub> Photobacterium phosphoreum	710 mg/L	
48 Hr EC <sub>50</sub> water flea	>10000 mg/L	

#### Glycerin (56-81-5)

##### Test & Species

Test & Species	Concentration	Conditions
96 Hr LC <sub>50</sub> rainbow trout	50 mg/L	
96 Hr LC <sub>50</sub> goldfish	>5000 mg/L	

## \*\*\* Section 13 - Disposal Considerations \*\*\*

## US EPA Waste Number & Descriptions

### A: General Product Information

Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

### B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

## Disposal Instructions

Waste must be handled in accordance with all federal, state, provincial, and local regulations.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

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## \*\*\* Section 14 - Transportation Information \*\*\*

### US DOT Information

**Shipping Name:** This material is not regulated as a DOT hazardous material.

### TDG Information

**Shipping Name:** This material is not regulated as a TDG dangerous good.

## \*\*\* Section 15 - Regulatory Information \*\*\*

### US Federal Regulations

#### A: General Product Information

This product is regulated under the US Federal Food, Drug, and Cosmetic Act.

Components in this product are listed on the U.S. EPA TSCA inventory or are not required to be reported on the TSCA inventory.

**USDA:** Carex® Antimicrobial Cleanser

USDA E-1 Rated

### Canadian WHMIS Information

#### A: General Product Information

This product is regulated under Canada's Food and Drugs Act.

This product is not a controlled product under the Canadian Workplace Hazardous Materials Information System (WHMIS) and the MSDS contains all information required by CPR.

Components in this product are listed on the Canadian DSL inventory or are not required to be reported on the Canadian DSL.

## \*\*\* Section 16 - Other Information \*\*\*

### Product List

Carex® Antimicrobial Cleanser

Product Number: 48022

### MSDS History

Effective Date: 07/24/2006

Supersedes Date: 06/01/2001

Changes Since Last Revision: MSDS changed to follow ANSI 2004 standard and include Canadian regulations.

**IMPORTANT:** The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. Georgia Pacific and its subsidiaries make no warranty of any kind, expressed or implied, concerning the accuracy or completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. Georgia Pacific and its subsidiaries will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.

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## Key/Legend

ACGIH	American Conference of Governmental Industrial Hygienists
ANSI	American National Standards Institute
C	Ceiling Limit
CAS	Chemical Abstract Services Number
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CFR	Code of Federal Regulations
CWA	Clean Water Act
DOT	Department of Transportation
DSL	Domestic Substance List
EPA	Environmental Protection Agency
FDA	Food and Drug Administration
HCS	Hazard Communication Standard
HEPA	High Efficiency Particulate Air
HMIS	Hazardous Material Identification System
IARC	International Agency for Research on Cancer
LC <sub>Lo</sub>	Lowest lethal concentration of a substance
LC <sub>50</sub>	Concentration of a material expected to kill 50% of an animal text group
LD <sub>Lo</sub>	Lowest lethal dose of a material
LD <sub>50</sub>	Dose of a material expected to kill 50% of an animal text group
NA	Not Available or Not Applicable
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NJTSR	New Jersey Trade Secret Registry
N O S	Not Otherwise Specified
NSL	Non-Domestic Substance List
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PPE	Personal Protective Equipment
SARA	Superfund Amendments and Reauthorization Act
STEL	Short Term Exposure Limit
TC <sub>Lo</sub>	Lowest Concentration in Air Resulting in a Toxic Effect
TD <sub>Lo</sub>	Lowest Dose Resulting in a Toxic Effect
TDG	Canadian Transportation of Dangerous Goods
TLV	Threshold Limit Value
TSCA	Toxic Substance Control Act
TWA	Time Weighted Average

End of MSDS GP-600