

SECTION 1: Identification

1.1. Product Identifier

Product Form: Wipes
 Product Name: CeBeR Multipurpose Wipes
 Product Code: 1DG9

1.2. Intended Use of the Product

Use of the substance/mixture: Multipurpose Wipe. For professional use only.

1.3. Name, Address, and Telephone of the Responsible Party

Company
 STERIS Corporation
 Official Mailing Address:
 P.O. Box 147
 St. Louis, MO 63166 USA

Street Address:
 7501 Page Avenue
 St. Louis, MO 63133 USA

Telephone Number for Information: 1-800-548-4873 (Customer Service-Healthcare Products)
 web: www.steris.com
 email: asksteris_msds@steris.com

1.4. Emergency Telephone Number

Emergency Number : 1-314-535-1395 or CHEMTREC: 1-800-424-9300

SECTION 2: Hazards Identification

2.1. Classification of the Substance or Mixture

Classification (GHS-US)
 Eye Irrit. 2A H319

2.2. Label Elements

Hazard Pictograms (GHS-US) :



Signal Word (GHS-US) : Warning
 Hazard Statements (GHS-US) : H319 - Causes serious eye irritation.
 Precautionary Statements (GHS-US) : P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other Hazards

Other Hazards: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: Composition/information On Ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Isopropyl alcohol	(CAS No) 67-63-0	30 - 60	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
2-Phenoxyethanol	(CAS No) 122-99-6	1 - 5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319

Full text of H-phrases: see section 16

SECTION 4: First Aid Measures

4.1. Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.
 First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.
 First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation persists. Wash contaminated clothing before reuse.
 First-aid Measures After Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.

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First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: Eye irritation.

Symptoms/Injuries After Inhalation:

Symptoms/Injuries After Skin Contact: Not likely to cause adverse effects.

Symptoms/Injuries After Eye Contact: Causes serious eye irritation.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None known.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, dry chemical, or sand.

Unsuitable Extinguishing Media: Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Highly flammable liquid and vapor. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors. Not likely to occur in package form.

Explosion Hazard: May form flammable/explosive vapor-air mixture. Not likely to occur in packaged form.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Firefighting Instructions: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.

Hazardous Combustion Products: Carbon oxides (CO, CO₂).

SECTION 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid breathing (vapor, mist, spray).

6.1.1. For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. Eliminate ignition sources.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Contact competent authorities after a spill.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Use only non-sparking tools. Notify authorities if liquid enters sewers or public waters.

6.4. Reference to Other Sections

See Section 8: Exposure Controls and Personal Protection.

SECTION 7: Handling And Storage

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Do not get in or near eyes. Handle empty containers with care because residual vapors are flammable.

Precautions for Safe Handling: Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid breathing vapors, mist, spray.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Not applicable.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Protect from freezing.

Incompatible Products: Strong acids. Strong bases. Strong oxidizers.

Incompatible Materials: Heat sources.

Storage Area: Store in a well-ventilated place. Keep cool.

7.3. Specific End Use(s) No additional information available

Healthcare Personnel Handwash. For professional use only.

SECTION 8: Exposure Controls/personal Protection

8.1. Control Parameters

Isopropyl alcohol (67-63-0)		
USA ACGIH	ACGIH TWA (ppm)	200 ppm
USA ACGIH	ACGIH STEL (ppm)	400 ppm
USA OSHA	OSHA PEL (TWA) (mg/m ³)	980 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	400 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	980 mg/m ³

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USA NIOSH	NIOSH REL (TWA) (ppm)	400 ppm
USA NIOSH	NIOSH REL (STEL) (mg/m ³)	1225 mg/m ³
USA NIOSH	NIOSH REL (STEL) (ppm)	500 ppm
USA IDLH	US IDLH (ppm)	2000 ppm (10% LEL)

8.2. Exposure Controls

Appropriate Engineering Controls : Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment : Not generally required. The use of personal protective equipment may be necessary as conditions warrant.

SECTION 9: Physical And Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Physical State : Wipe
Appearance : White Cloth
Odor : Alcohol
Odor Threshold : No data available
pH : No data available
Evaporation rate : No data available
Melting Point : No data available
Freezing Point : No data available
Boiling Point : No data available
Flash Point : 70 °F Pensky-Martens Closed Cup (21.11 °C)
Auto-ignition Temperature : No data available
Decomposition Temperature : No data available
Flammability (solid, gas) : No data available
Vapor Pressure : No data available
Relative Vapor Density at 20 °C : No data available
Specific Gravity : 0.89 g/ml
Solubility : Complete in water
Partition coefficient: n-octanol/water : No data available
Viscosity : No data available
Explosion Data – Sensitivity to Mechanical Impact : Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge : Not expected to present an explosion hazard due to static discharge.

9.2. Other Information

No additional information available

SECTION 10: Stability And Reactivity

10.1 Reactivity:

Hazardous reactions will not occur under normal conditions.

10.2 Chemical Stability:

Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

10.3 Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

10.4 Conditions to Avoid:

Direct sunlight. Extremely high or low temperatures. Open flame.

10.5 Incompatible Materials:

Strong oxidizers. Halogens. Aldehydes. Inorganic acids.

10.6 Hazardous Decomposition Products:

Carbon oxides (CO, CO₂). May release flammable gases.

SECTION 11: Toxicological Information

11.1. Information On Toxicological Effects

Acute Toxicity: Not classified

2-Phenoxyethanol (122-99-6)	
LD50 Oral Rat	1260 mg/kg
LD50 Dermal Rabbit	5 ml/kg
Isopropyl alcohol (67-63-0)	
LD50 Oral Rat	4710 mg/kg
LD50 Dermal Rabbit	4059 mg/kg
LC50 Inhalation Rat	72600 mg/m ³ (Exposure time: 4 h)

Skin Corrosion/Irritation: Not classified
Serious Eye Damage/Irritation: Causes serious eye irritation.
Respiratory or Skin Sensitization: Not classified
Germ Cell Mutagenicity: Not classified
Teratogenicity: No data available
Carcinogenicity: Not classified

Isopropyl alcohol (67-63-0)	
IARC group	3
Reproductive Toxicity: Not classified	

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Specific Target Organ Toxicity (Single Exposure): May cause drowsiness or dizziness.
Specific Target Organ Toxicity (Repeated Exposure): Not classified
Aspiration Hazard: Not classified
Symptoms/Injuries After Inhalation: May cause drowsiness or dizziness.
Symptoms/Injuries After Skin Contact: May cause skin irritation.
Symptoms/Injuries After Eye Contact: Causes serious eye irritation.
Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.
Chronic Symptoms: None known.

SECTION 12: Ecological Information

12.1. Toxicity

2-Phenoxyethanol (122-99-6)	
LC50 Fish 1	337 - 352 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	> 500 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC 50 Fish 2	366 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

Isopropyl alcohol (67-63-0)	
LC50 Fish 1	9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Other Aquatic Organisms 1	1000 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)
LC 50 Fish 2	11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Other Aquatic Organisms 2	1000 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)

12.2. Persistence and Degradability

CeBeR Multipurpose Wipes	
Persistence and Degradability	Not established.

12.3. Bioaccumulative Potential

CeBeR Multipurpose Wipes	
Bioaccumulative Potential	Not established.

2-Phenoxyethanol (122-99-6)	
Log Pow	1.13 (at 25 °C)

Isopropyl alcohol (67-63-0)	
Log Pow	0.05 (at 25 °C)

12.4. Mobility in Soil

No additional information available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Additional Information: Handle empty containers with care because residual vapors are flammable.

Ecology – Waste Materials: Avoid release to the environment.

SECTION 14: Transport Information

14.1 In Accordance with DOT

Proper Shipping Name : Solids containing flammable liquid, n.o.s. (isopropyl alcohol)
Hazard Class : 4.1 Note: May be subject to special provision 47.
Identification Number : UN3175
Limited Quantity : Yes
Packing Group : II

14.2 In Accordance with IMDG

Proper Shipping Name : Solids containing flammable liquid, n.o.s. (isopropyl alcohol)
Hazard Class : 4.1 Note: May be subject to special provision 216.
Identification Number : UN3175
Limited Quantity : Yes
Packing Group : II

14.3

Proper Shipping Name : Solids containing flammable liquid, n.o.s. (isopropyl alcohol)
Hazard Class : 4.1 Note: May be subject to special provision A46.
Identification Number : UN3175
Limited Quantity : Yes
Packing Group : II

14.4 UN Model Regulations

Proper Shipping Name : Solids containing flammable liquid, n.o.s. (isopropyl alcohol)
Hazard Class : 4.1 Note: May be subject to special provision 216.
Identification Number : UN3175
Limited Quantity : Yes
Packing Group : II

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SECTION 15: Regulatory Information

15.1 US Federal Regulations

CeBer Multipurpose Wipes	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Fire hazard
2-Phenoxyethanol (122-99-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Isopropyl alcohol (67-63-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Listed on United States SARA Section 313	
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.
SARA Section 313 - Emission Reporting	1.0 % (only if manufactured by the strong acid process, no supplier notification)

15.2 US State Regulations

Not applicable.

Isopropyl alcohol (67-63-0)
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S. - Pennsylvania - RTK (Right to Know) List

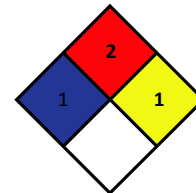
SECTION 16: Other Information, Including Date Of Preparation Or Last Revision

Revision Date : 12/11/2017
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 2	Flammable liquids Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapor
H302	Harmful if swallowed
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard : 2 - Must be moderately heated or exposed to relatively high ambient temperature before ignition can occur.
NFPA reactivity : 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.



Party Responsible for the Preparation of This Document

STERIS Corporation

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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