



Safety Data Sheet

Sterillium Comfort Gel

Section 1. Identification

Product Identifier	Sterillium Comfort Gel		
Synonyms	MSD_SDS0437; STRLMGEL50; STRLMGEL475; STRLMGEL1000		
Manufacturer Stock Numbers	STRLMGEL475; STRLMGEL1000; STRLMGEL50		
Recommended use	In-door use; Hand Sanitizer		
Uses advised against	N.D.		
Manufacturer Contact Address	Medline 3 Lakes Drive Northfield, IL, 60093 US		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300 CHEMTREC	(847) 643-4436
	Website		
	www.Medline.com		

Section 2. Hazards Identification

Classification	FLAMMABLE LIQUIDS - Category 2
Signal Word	Danger
Pictogram	A red diamond-shaped hazard pictogram containing a black flame symbol.
Hazard Statements	Highly flammable liquid and vapor

Precautionary Statements

Response	If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Prevention	Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed.
Storage	N/A
Disposal	Dispose of contents/container to an approved waste disposal plant.
General	Keep out of reach of children

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Other Hazards: None known.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
64-17-5	Ethyl alcohol	70% - 90%
541-02-6	decamethylcyclopentasiloxane	1% - 5%
67-63-0	Propan-2-ol	1% - 5%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

General Advice:	If you feel unwell, seek medical advice (show the label where possible).
Eye Contact:	Rinse immediately with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
Ingestion:	Rinse mouth. Do NOT induce vomiting.
Most important symptoms and effects, both acute and delayed:	None known.
Notes to physician:	For specialist advice physicians should contact the Poisons Information Service.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	N.D.
Hazardous combustion products:	No hazardous combustion products are known.

Further information: Standard procedure for chemical fires.
 Special Protective Equipment for Firefighters: In the event of fire, wear self-contained breathing apparatus.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation. Remove all sources of ignition.
 Environmental Precautions: Should not be released into the environment.
 Methods and materials for containment and cleaning up: Wipe up with absorbent material (e.g. cloth, fleece).

Section 7. Handling and Storage

Advice on protection against fire and explosion: Keep away from sources of ignition - No smoking.
 Advice on safe handling: Keep away from heat.
 Conditions for safe storage: Take measures to prevent the build up of electrostatic charge. Store at room temperature in the original container.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Ethyl alcohol	STEL: 1,000 ppm Note: Upper respiratory track irritation. Confirmed animal carcinogen with unknown relevance to humans.	TWA: 1,000 ppm 1,900mg/mm3 29 CFR 1910.1000 Table Z-1 Limits	N/A
	decamethylcyclopentasiloxane	N/A	N/A	N/A
	Propan-2-ol	TWA: 200 ppm STEL: 400 ppm 	TWA: 400 ppm STEL: 500 ppm 	N/A
Personal Protective Equipment	N/A			
Protective measures:	No special protective equipment required.			

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Keep away from food and drink.

Section 9. Physical and Chemical Properties

Physical State	N.D.
Color	Colorless/viscous
Odor	Alcohol-like
Odor Threshold	N.D.
Solubility	Insoluble
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	4 Pa.s (20°C/68°F)
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	17.1°C / 62.8°F
FP Method	ASTM D 3278
pH	N.A.
Melting Point	N.D.
Boiling Point	N.D.
Boiling Range	N/A
LEL	78
UEL	N/A
Evaporation Rate	N.D.
Flammability	N.D.
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	N.D.
Vapor Density	0.828 g/cm ³

Section 10. Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use.
Chemical Stability: The product is chemically stable.
Possibility of hazardous reactions: Vapors may form explosive mixture with air. Exothermic reaction with strong acids.
Conditions to avoid: Heat, flames and sparks.
Incompatible Materials: None.

Section 11. Toxicological Information

Acute toxicity: Ethyl Alcohol CAS No. 64-17-5
Acute oral toxicity:

LD50 Oral (Rat): 10,470 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity:
LC50 (Rat): 51 mg/l
Exposure time: 4 h
Test atmosphere: vapor
Method: OECD Test Guideline 403

Acute dermal toxicity:
LD50 Dermal (Rabbit): > 15,800 mg/kg

Propan-2-ol CAS No. 67-63-0
Acute oral toxicity:
LD50 Oral (Rat): > 5,000 mg/kg

Acute dermal toxicity:
LD50 Dermal (Rabbit): > 5,000 mg/kg

decamethylcyclopentasiloxane CAS No. 541-02-6
Acute oral toxicity:
LD50 (Rat): 24,134 mg/kg

Skin corrosion/irritation:	No skin irritation
Respiratory or skin sensitization:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
Specific Target Organ Toxicity - Single exposure:	No data available.
Specific Target Organ Toxicity - Repeated exposure:	No data available.
Repeated dose toxicity:	No data available.
Aspiration Toxicity:	No data available.
Experience with human exposure:	No data available.
Toxicology, Metabolism, Distribution:	No data available.
Neurological effects:	No data available.

Section 12. Ecological Information

Ecotoxicity	Ethyl Alcohol CAS No. 64-17-5 Toxicity to fish: LC50 (Fish): 11,200 mg/l Exposure time: 96 h
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Toxicity to daphnia and other aquatic invertebrates:
EC50 (Daphnia magna (Water flea)): 5,012 mg/l
Exposure time: 48 h

Toxicity to algae:
EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 201

Propan-2-ol CAS No. 67-63-0
Toxicity to fish:
LC50 (Leuciscus idus (Golden orfe)): > 100 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates:
EC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h

Toxicity to algae:
EC50 (Scenedesmus capricornutum (fresh water algae)): > 100 mg/l
Exposure time: 72 h

Persistence and
degradability:

No data available.

Bioaccumulative potential:

No data available.

Mobility in soil:

No data available.

Other adverse effects:

Ozone-Depletion Potential: Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances. Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Section 13. Disposal

Waste from residues: Dispose of as hazardous waste in compliance with local and national regulations.
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Contaminated packaging: Empty remaining contents. Store containers and offer for recycling of material when in accordance with the local regulations.

Section 14. Transport Information

UN Number 1987
UN Proper Shipping Name ALCOHOLS, N.O.S. (ethanol, isopropanol)
DOT Classification 3
Packing Group II
IATA: Not permitted for air transport.

IMDG - UN Number 1987
IMDG - UN Proper Shipping Name Alcohols, n.o.s. (ethanol, isopropanol)
Name:
IMDG - Hazard Class: 3
IMDG - Packing Group: II

Section 15. Regulatory Information

SARA 311/312:	Refer to Section 2 of the SDS.
SARA 302:	N.A.
SARA 304:	N.A.
SARA 313:	N.A.
TSCA:	All components are listed or exempt.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
New Jersey Right to Know Components:	Ethyl Alcohol Isopropyl Alcohol
Pennsylvania Right to Know Components:	Ethanol 2-Propanol
Rhode Island Right to Know Components:	Ethyl Alcohol Isopropyl Alcohol
Massachusetts Right to Know Components:	Ethanol

Section 16. Other Information

Revision Date	7/17/2024
Legend	N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined
National Fire Protection Association (U.S.A): Health Hazard	0
National Fire Protection Association (U.S.A): Flammability	3
National Fire Protection Association (U.S.A): Instability Hazard	0
HMIS (U.S.A.): Health Hazard	0
HMIS (U.S.A.): Flammability	3
HMIS (U.S.A.): Physical Hazard	0
Additional Information:	The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.