



# Safety Data Sheet

## Sterillium Rub Fragrance-Free

### Section 1. Identification

Product Identifier Sterillium Rub Fragrance-Free  
Synonyms STRLMRUB50; STRLMRUB1000; MSD\_SDS0439  
Manufacturer Stock Numbers STRLMRUB1000; STRLMRUB50

Recommended use In-door use; Hand Sanitizer  
Uses advised against N.D.

Manufacturer Contact Medline  
Address 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](http://www.Medline.com)

### Section 2. Hazards Identification

Classification FLAMMABLE LIQUIDS - Category 2  
Signal Word Danger  
Pictogram



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%
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, for at least 10 minutes.
Ingestion:	Do NOT induce vomiting. Rinse mouth.
Most important symptoms and effects, both acute and delayed:	Tiredness; Eye irritation; Light-headedness; Giddiness
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	None.
Hazardous combustion products:	No hazardous combustion products are known.
Further information:	Standard procedure for chemical fires.

Special Protective  
Equipment for  
Fire-Fighters:

Use personal protective equipment.

## Section 6. Accidental Release Measures

Personal precautions,  
protective equipment and  
emergency procedures:

Ensure adequate ventilation.

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. Vapors may form explosive mixtures with air. Vapors are heavier than air and may spread along floors.

Advice on safe handling:

Keep away from heat.

Conditions for safe  
storage:

Store at room temperature in the original container.

Materials to avoid:

Keep away from food and drink.

## 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
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:

Do not get in eyes. Keep away from food and drink.

## Section 9. Physical and Chemical Properties

Physical State	N.D.
Color	Colorless/liquid
Odor	Alcohol-like
Odor Threshold	N.D.
Solubility	Completely miscible
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	N/A
Density lbs/Gal	0.81
Pounds per Cubic Foot	N/A
Flash Point	20°C / 68°F
FP Method	ISO 3679
pH	No data available
Melting Point	N.D.
Boiling Point	>35°C / >95°F
Boiling Range	N.D.
LEL	62
UEL	N/A
Evaporation Rate	N.D.
Flammability	N.D.
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	No data available
Vapor Density	0.81 g/cm <sup>3</sup> (20°C / 68°F)

## Section 10. Stability and Reactivity

Reactivity:	No decomposition if stored and applied as directed.
Chemical Stability:	The product is chemically stable.
Possibility of Hazardous Reactions:	None reasonably foreseeable.
Conditions to avoid:	Heat, flames and sparks. Strong sunlight for prolonged periods.
Incompatible Materials:	None.

## Section 11. Toxicological Information

Acute toxicity:	Product
	Acute oral toxicity:

Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

Acute inhalation toxicity:  
Acute toxicity estimate: > 200 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor  
Method: Calculation method

Acute dermal toxicity:  
Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

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

Skin corrosion/irritation:	No skin irritation
Carcinogenicity:	This information is not available.
Reproductive toxicity:	Effects on fertility: This information is not available. Effects on fetal development: This information is not 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:

Product

Toxicity to fish:

No data available

Toxicity to daphnia and other aquatic invertebrates:

No data available

Toxicity to algae:

No data available

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity):

No data available

Toxicity to microorganisms:

No data available

Ethyl Alcohol CAS No. 64-17-5

Toxicity to fish:

LC50 (Fish): 11,200 mg/l

Exposure time: 96 h

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:

Readily biodegradable.

Remarks: The data is estimated based on the component aquatic toxicity classification.

Bioaccumulative potential:

No data available.

Mobility in soil:

No data available.

Other adverse effects

Adsorbed organic bound halo-gens (AOX):

No data available

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 4  
National Fire Protection Association (U.S.A): Instability Hazard 0  
HMIS (U.S.A.): Health Hazard 0  
HMIS (U.S.A.): Flammability 4  
HMIS (U.S.A.): Physical Hazard 0

Additional Information:

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