

SAFETY DATA SHEETS

This SDS packet was issued with item:

078939440

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078949566



Safety Data Sheet

Sterillium Rub Fragrance-Free

Section 1. Identification

Product Identifier	Sterillium Rub Fragrance-Free
Synonyms	STRLMRUB50; STRLMRUB1000; MSD_SDS0439
Manufacturer Stock Numbers	STRLMRUB50; STRLMRUB1000

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

Manufacturer Contact Address	Medline 3 Lakes Drive Northfield, IL, 60093 USA
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Phone	(800) 633-5463
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Emergency Phone	(800) 424-9300 CHEMTREC
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Fax	(847) 643-4436
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Website	www.Medline.com
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Section 2. Hazards Identification

Classification	FLAMMABLE LIQUIDS - Category 2
Signal Word	Danger
Pictogram	



Hazard Statements	Highly flammable liquid and vapor
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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 ³ (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

No data available.

Toxicity - Single exposure:

Specific Target Organ

No data available.

Toxicity - Repeated

exposure:

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
IMDG - UN Number 1987
IMDG - UN Proper Shipping Name: Alcohols, n.o.s. (ethanol, isopropanol)
IMDG - Hazard Class: 3
IMDG - Packing Group: II
IATA - UN Number: 1987
IATA - UN Proper Shipping Name: Alcohols, n.o.s. (ethanol, isopropanol)
IATA - Hazard Class: 3
IATA - 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 8/19/2022

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

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