

SAFETY DATA SHEET

Section 1: Identification

Product Name: MBS MedTech Simpli Germicidal Wipes (6" x 6.75" and 8" x 14")
Manufacturer: MBS Medical Technologies; 25971 Pala; Mission Viejo, CA 92691

In emergency call 911.

For information about this SDS, contact Chemtrec: 800-424-9300

For information about the product: 888-482-4201

Section 2: Hazard(s) Identification

Hazard Classifications:

Eye irritation – category 2A
Flammable liquid – category 2
Acute oral toxicity – category 4

Signal Word(s): Danger

Hazard Statements: Highly flammable liquid and vapor
May form explosive mixtures with air
Harmful if swallowed
May cause drowsiness or dizziness

Pictograms:



Precautionary Statements:

Keep out of reach of children
Store in a well-ventilated place
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Precautionary Statements – Response:

In case of fire: Use DRY chemical, alcohol-resistant foam, water spray or carbon dioxide to extinguish.
If inhaled: remove person to fresh air and keep comfortable for breathing.
If skin irritation persists, get medical attention
If in eyes: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Precautionary Statements – Storage:

Store in a cool well-ventilated area.

Section 3: Composition/ Information on Ingredients			
Chemical Name	Synonym	CAS#	Conc.
Isopropyl Alcohol	isopropanol	67-63-0	>50%
Quaternary ammonium compounds	n-Alkyl-(C12-C18)-dimethyl-benzyl-ammonium chlorides	68391-01-5	<1%
Quaternary ammonium compounds	n-Alkyl-(C12-C14)-dimethyl- ethyl-benzyl ammonium chlorides	85409-23-0	<1%

Section 4: First-Aid Measures
<p>After skin contact: Flush skin with plenty of water for 15 minutes while removing contaminated clothing.</p> <p>After eye contact: Flush eyes with water for 15 minutes while holding eyelids open. Get medical attention.</p> <p>After inhalation: Remove to fresh air. If breathing is difficult seek medical attention. Eliminate all ignition sources if safe to do so.</p> <p>After swallowing: Do NOT induce vomiting. Rinse out mouth with clean water. Get immediate medical attention.</p>

Section 5: Fire-Fighting Measures
<p>Suitable extinguishing agents: Dry chemical, foam, carbon dioxide or fog is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface should be avoided as water destroys the foam. Sand or earth may be used for small fires only.</p> <p>Special protective equipment for firefighters: Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel.</p>

Section 6: Accidental Release Measures
<p>Personal precautions: Avoid breathing vapor. Avoid contact with skin, eye or clothing. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Use explosive proof equipment. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.</p> <p>Measures for environmental protection: Stop spill release if it can be done safely. Prevent spilled materials from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth or other appropriate barriers.</p> <p>Measures for cleaning/collecting: Sand, clay and absorbent socks can be used to contain a spill.</p>

Section 7: Handling and Storage
<p>Handling: Wash hands thoroughly after handling. Avoid contact with eyes, skin and clothing. Do not breathe vapors. Eyewash stations should be available where material is stored. Maintain adequate ventilation.</p> <p>Storage: Keep containers tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and an incompatible materials. Store in original or approved containers and protect against physical damage. Keep containers securely sealed to prevent leakage. Use non-sparking ventilation systems.</p>

Section 8: Exposure Controls/Personal Protection

Chemical Name	OSHA TWA	NIOSH STEL	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Isopropyl alcohol	400 ppm	500 ppm	200 ppm	400 ppm
Quaternary ammonium compounds	no data	no data	no data	no data

Respiratory Protection: If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. Select a filter suitable for organic gases and vapors (boiling point 65°C; 149°F) meeting EN371.

Skin Protection: Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber.

Eye Protection: Wear eye protection with side-shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, using in combination with a face shield.

Appropriate Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit values.

Section 9: Physical and Chemical Properties

Form: liquid-soaked wipe

Odor: characteristic

Odor threshold: n/a

pH: 6.25 – 8.5

Melting point/melting range: n/a

Boiling point/boiling range: 80°C (177°F) for liquid portion

Flash point: 23.3C / 73.94°F

Evaporation rate: n/a

Flammability: CLOSED CUP: 18.3°C (64.9°F) - 24 deg. C (75 deg. F)

Upper/lower flammability or explosive limits: n/a

Auto ignition temperature: 399°C (750°F)

Vapor pressure: 4.4 KPa (20°C)

Vapor density: 2.07 (air = 1)

Relative density: 0.892 (water = 1)

Solubility in/Miscibility with water: highly soluble

Section 10: Stability and Reactivity

Chemical stability: stable under normal conditions of use

Conditions to avoid: heat, sparks, open flames and other ignition sources

Incompatible materials: strong oxidizing agents

Hazardous decomposition products: thermal decomposition may yield carbon dioxide and/or carbon monoxide

Section 11: Toxicological Information

Potential routes of exposure/potential health effects

Skin: can cause mild skin irritation.

Eye: can cause serious eye irritation.

Inhalation: slightly irritating to respiratory system.

Ingestion: may be harmful or fatal if swallowed.

Carcinogenic effects: no data available.

Mutagenic effects: no data available.

Reproductive toxicity: no data available.

Sensitization: no data available.

Target organs: may cause drowsiness or dizziness.

Section 12: Ecological Information (non-mandatory)

Ecotoxicity: no data available.

Mobility: no data available.

Biodegradation: no data available.

Bioaccumulation: no data available.

Section 13: Disposal Considerations (non-mandatory)

Waste must be disposed of in full compliance with federal, state and local environmental regulations.

Section 14: Transport Information (non-mandatory)

DOT regulations: UN1219, Isopropanol

- **Hazard class:** 3

Special Provisions for Transport: not available.

Section 15: Regulatory Information (non-mandatory)

US Federal and State Regulations

SARA Section 355 (extremely hazardous substances): none

SARA Section 313 (specific toxic chemical listings): none

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs): none

Connecticut hazardous material survey.: Isopropyl alcohol; Illinois toxic substances disclosure to employee act: Isopropyl alcohol; Rhode Island RTK hazardous substances: Isopropyl alcohol; Pennsylvania RTK: Isopropyl alcohol; Florida: Isopropyl alcohol; Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol; New Jersey: Isopropyl alcohol New Jersey spill list: Isopropyl alcohol; TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a) IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96
TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol

Other Classifications:

WHMIS (Canada):

CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2B: Material causing other toxic effects (TOXIC).

DSCL (EEC):

R11- Highly flammable. R36- Irritating to eyes. S2- Keep out of the reach of children. S46- If swallowed, seek medical advice immediately and show this container or label.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 3

Reactivity: 0

Section 16: Other Information

SDS date of preparation/update: 21 July 2020 / 01 September 2020