



Safety Data Sheet

Antiseptic Nasal Swabs with Ethyl Alcohol

Section 1. Identification

Product Identifier Antiseptic Nasal Swabs with Ethyl Alcohol
Synonyms MDS1971; MDS1972; MDS1998; MDS1999; MDSR1971; MSD_SDS0433
Manufacturer Stock Numbers MDS1971; MDS1972; MDS1998; MDS1999; MDSR1971

Recommended use Topical nasal antiseptic
Uses advised against No information available

Manufacturer Contact Address Medline
3 Lakes Drive
Northfield, IL, 60093
USA

Phone
(800) 633-5463

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(847) 643-4436

Website
www.Medline.com

Section 2. Hazards Identification

Classification FLAMMABLE LIQUIDS - Category 2
SENSITIZATION - SKIN - Category 1
SERIOUS EYE DAMAGE /EYE IRRITATION - Category 2A
Signal Word Danger

Pictogram



Hazard Statements

Causes serious eye irritation
Highly flammable liquid and vapor
May cause an allergic skin reaction

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.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If skin irritation or rash occurs: Get medical advice/attention.
In case of fire: Use dry chemical, CO₂, water spray or alcohol-resistant foam to extinguish.
Wash contaminated clothing before reuse.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Ground/bond container and receiving equipment.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Take precautionary measures against static discharge.
Use explosion-proof electrical/ ventilating/ lighting equipment.
Use only non-sparking tools.
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves, eye protection and face protection.

Storage

Store in a well-ventilated place. Keep cool.

Disposal

Dispose of contents and container to an approved waste disposal plant.

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
64-17-5	Ethyl alcohol	50% - 60%
67-63-0	Isopropyl alcohol	1% - 5%
100-51-6	Benzyl alcohol	0.5% - <1%

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

Section 4. First-Aid Measures

General Advice:	Show this safety data sheet to the doctor in attendance.
Inhalation:	Remove to fresh air.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Skin contact:	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.
Ingestion:	Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
Self-protection of the first aider:	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing.
Most important symptoms and effects, both acute and delayed:	Symptoms: Itching. Rashes. Hives. May cause redness and tearing of the eyes. Burning sensation.
Indication of any immediate medical attention and special treatment needed:	Note to Physicians: May cause sensitization in susceptible persons. Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO ₂). Water spray. Alcohol resistant foam.
Unsuitable Extinguishing Media	None known based on information supplied.
Specific hazards arising from the chemical:	Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Product is or contains a sensitizer. May cause sensitization by skin contact.
Hazardous combustion products:	Carbon oxides. May release flammable gases.
Explosion data:	Sensitivity to mechanical impact: None. Sensitivity to static discharge: Yes.
Special protective equipment for fire-fighters:	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Personal precautions: Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Other information: Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up:

Methods for containment: Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up: Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

Section 7. Handling and Storage

Precautions for safe handling:

Advice on safe handling: Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities:

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Protect from direct sunlight.

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/mm ³ 29 CFR 1910.1000 Table Z-1 Limits	N/A
	Isopropyl alcohol	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm STEL: 500 ppm	N/A
	Benzyl alcohol	N/A	N/A	N/A
Personal Protective Equipment	N/A			
Engineering controls	Showers Eyewash stations Ventilation systems.			
Eye/Face protection:	Tight sealing safety goggles.			
Hand protection:	Wear suitable gloves. Impervious gloves.			
Skin and body protection:	Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.			
Respiratory protection:	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.			
General hygiene considerations:	Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.			

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Colorless to pale yellow
Odor	Alcohol, Sweet
Odor Threshold	N.D.
Solubility	N.D.
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	N/A
Density lbs/Gal	0.867
Pounds per Cubic Foot	N/A

Flash Point	18 °C/ 64.4 °F
FP Method	N.D.
pH	4 - 6
Melting Point	N.D.
Boiling Point	92 °C/ 197.6 °F
Boiling Range	N.A.
LEL	N/A
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	N.D.

Explosive Properties: Not an explosive.

Oxidizing properties: Not an oxidizer.

Section 10. Stability and Reactivity

Reactivity: None under normal use conditions.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: None under normal processing.

Conditions to avoid: Heat, flames and sparks.

Incompatible materials: Strong acids. Strong bases.

Hazardous decomposition products: Carbon oxides. May release flammable gases.

Section 11. Toxicological Information

Information on likely routes of exposure: Inhalation: Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

Eye contact: Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.

Skin contact: Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). May cause irritation. Prolonged contact may cause redness and irritation.

Ingestion: Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics:	Symptoms: Itching. Rashes. Hives. May cause redness and tearing of the eyes.
Acute toxicity	<p>Numerical measures of toxicity:</p> <p>Ethyl alcohol: Oral LD50: = 7060 mg/kg (Rat) Dermal LD50: - Inhalation LC50: = 116.9 mg/L (Rat) 4 h = 133.8 mg/L (Rat) 4 h</p> <p>Isopropyl alcohol: Oral LD50: = 1870 mg/kg (Rat) Dermal LD50: = 4059 mg/kg (Rabbit) Inhalation LC50: > 10000 ppm (Rat) 6 h</p> <p>Benzyl alcohol: Oral LD50: = 1230 mg/kg (Rat) Dermal LD50: = 2 g/kg (Rabbit) Inhalation LC50: > 4178 mg/m3 (Rat) 4 h</p>
Skin corrosion/irritation:	May cause skin irritation.
Serious eye damage/eye irritation:	Classification based on data available for ingredients. Causes serious eye irritation.
Respiratory or skin sensitization:	May cause an allergic skin reaction.
Germ cell mutagenicity:	No information available.
Carcinogenicity	<p>Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage. Based on available data, the classification criteria are not met.</p> <p>The table below indicates whether each agency has listed any ingredient as a carcinogen.</p> <p>Ethyl alcohol 64-17-5: ACGIH: A3 IARC: Group 1 NTP: Known OSHA: X</p> <p>Isopropyl alcohol 67-63-0: IARC: Group 3</p>
Reproductive toxicity:	No information available.
Specific Target Organ Toxicity - Single Exposure:	No information available.
Specific Target Organ Toxicity - Repeated Exposure:	No information available.
Aspiration Hazard:	No information available.

Section 12. Ecological Information

Ecotoxicity:	<p>The environmental impact of this product has not been fully investigated.</p> <p>Ethyl alcohol 64-17-5: Algae/aquatic plants: - Fish: LC50: 12.0 - 16.0mg/L (96h, Oncorhynchus mykiss) LC50: >100mg/L (96h, Pimephales promelas) LC50: 13400 - 15100mg/L (96h, Pimephales promelas) Crustacea: LC50: 9268 - 14221mg/L (48h, Daphnia magna) EC50: =2mg/L (48h, Daphnia magna)</p> <p>Isopropyl alcohol 67-63-0: Algae/aquatic plants: EC50: >1000mg/L (96h, Desmodesmus subspicatus) EC50: >1000mg/L (72h, Desmodesmus subspicatus) Fish: LC50: =9640mg/L (96h, Pimephales promelas) LC50: =11130mg/L (96h, Pimephales promelas) LC50: >1400000µg/L (96h, Lepomis macrochirus) Crustacea: EC50: =13299mg/L (48h, Daphnia magna)</p> <p>Benzyl alcohol 100-51-6: Algae/aquatic plants: - Fish: LC50: =460mg/L (96h, Pimephales promelas) LC50: =10mg/L (96h, Lepomis macrochirus) Crustacea: EC50: =23mg/L (48h, water flea)</p>
Persistence/degradability:	No information available.
Bioaccumulation:	<p>Ethyl alcohol 64-17-5: Partition coefficient: -0.35</p> <p>Isopropyl alcohol 67-63-0: Partition coefficient: 0.05</p> <p>Benzyl alcohol 100-51-6: Partition coefficient: 1.05</p>
Mobility in soil:	No information available.
Other adverse effects:	No information available.

Section 13. Disposal

Waste from residues/unused products:	Should not be released into the environment, Dispose of in accordance with local regulations, Dispose of waste in accordance with environmental legislation.
Contaminated packaging:	Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.
California waste information:	This product contains one or more substances that are listed with the State of California as a hazardous waste.

Section 14. Transport Information

UN Number 1987
UN Proper Shipping Name ALCOHOLS, N.O.S. (Ethyl alcohol, Isopropyl alcohol)
DOT Classification 3
Packing Group II
IMDG - UN Number 1987
IMDG - UN Proper Shipping Name: ALCOHOLS, N.O.S. (Ethyl alcohol, Isopropyl alcohol)
IMDG - Hazard Class: 3
IMDG - Packing Group: II
IATA - UN Number: 1987
IATA - UN Proper Shipping Name: ALCOHOLS, N.O.S. (Ethyl alcohol, Isopropyl alcohol)
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: Isopropyl Alcohol
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
Benzenemethanol
Rhode Island Right to Know Components: Ethyl Alcohol
Isopropyl Alcohol
Massachusetts Right to Know Components: Ethanol

Section 16. Other Information

Revision Date 7/7/2022
Legend N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined

National Fire Protection Association (U.S.A): Health Hazard	2
National Fire Protection Association (U.S.A): Fire Hazard	3
National Fire Protection Association (U.S.A): Instability Hazard	0
National Fire Protection Association (U.S.A): Special Hazard	-
HMIS (U.S.A.): Health	2
HMIS (U.S.A.): Flammability	3
HMIS (U.S.A.): Physical	0
HMIS (U.S.A.): Personal Protection	X

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