

Material Safety Data Sheet
PRODUCT CODE NUMBERS: MDS090675, MDS090725

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SECTION 1

ISSUE DATE: 10-12-96
IDENTITY: Alcohol Swabs

EMERGENCY TELEPHONE NUMBER: 905-839-5635
INFORMATION TELEPHONE NUMBER: 1.800.MEDLINE

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SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAME(S)) CAS #	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMME NDED	% (OPTION AL)
Isopropyl alcohol (99%) CAS #67-63-0	N/A	400 ppm/TWA		33.3% wt

Each individual swab contains approximately 0.6 mL of application solution. The application solution consists of 70% isopropyl alcohol and 30% purified water.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A	SP GRAVITY (WATER=1): Not applicable to swabs
VAPOR PRESSURE (MM HG): 4.4 kPa @ 20°C (for 99% alcohol only)	MELTING POINT: N/A
VAPOR DENSITY (AIR=1): 2.07 (for 99% alcohol only)	EVAPORATION RATE (BUTYL ACETATE=1): 2.35 (for 99% alcohol only)
SOLUBILITY IN WATER: Not applicable for swabs	VOLATILITY/VOL(%): 99 (for 99% alcohol only)
APPEARANCE AND ODOR: Individually sealed alcohol impregnated swab with an alcohol odor when opened.	

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 12 °C, TCC (for 99% alcohol only)		
FLAMMABLE LIMITS: Flammable liquid on combustible tissue.	LEL: 2 (for 99% alcohol only)	UEL: 12 (for 99% alcohol only)
AUTO IGNITION TEMPERATURE: 460°C (for 99% alcohol only)		
EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, alcohol foam, water.		
SPECIAL FIRE FIGHTING PROCEDURES: Hazardous combustion products are fumes, smoke, and oxides of carbon.		
UNUSUAL FIRE AND EXPLOSIVE HAZARDS: Keep away from sources of extreme heat and from sources of ignition.		

SECTION 5 - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: N/A

HAZARDOUS POLYMERIZATION: Will not Occur

CONDITIONS TO AVOID: N/A

SECTION 6 - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION: N/A

SKIN: N/A

INGESTION: N/A

HEALTH HAZARDS(ACUTE AND CHRONIC): For 99% alcohol only:

Inhalation: Low to moderate toxicity. Vapors in high concentrations are irritating and anesthetic.

Eye Contact: May cause irritation and lead to damage if exposure persists.

Skin Contact: Frequent or prolonged use may cause skin irritation and dermatitis.

Ingestion: Low order of toxicity.

CARCINOGENICITY? N/A

NTP? N/A

IARC? N/A

OSHA REGULATED?N/A

SIGNS AND SYMPTOMS OF EXPOSURE: N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

EMERGENCY AND FIRST AID PROCEDURES: For 99% alcohol only:

Contact with Eyes: If eye contact occurs immediately flush with water for 15 minutes. If irritation persists obtain medical attention.

Contact with Skin: Wash with soap and water.

Inhalation: Remove from contaminated area. Apply artificial respiration if breathing has stopped. Call physician.

Ingestion of Swabs: Not normal route of exposure. However, if ingested, remove swab and rinse mouth with water. Do not induce vomiting. Keep at rest and call a physician.

SECTION 7 - SPILL, LEAK, AND WASTE DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Due to product packaging (swabs), the chance of a spill is negligible.

WASTE DISPOSAL METHOD: Disposed of used swab as normal household trash.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store product in cool place. The individual swabs are for external application only.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION(SPECIFY TYPE): N/A

VENTILATION: LOCAL EXHAUST: N.A.

SPECIAL: N/A

MECHANICAL (GENERAL): N/A

OTHER: N/A

PROTECTIVE GLOVES: N/A

EYE PROTECTION: N/A

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

WORK/HYGIENIC PRACTICES: N/A

SECTION 9 - SPECIAL PRECAUTIONS

None

SECTION 10 - ADDITIONAL INFORMATION*The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable.**Medline Industries, Inc. provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein.*