

MATERIAL SAFETY DATA SHEET

Manufactured for: **Mada Medical Products, Inc.**
625 Washington Ave.
Carlstadt, NJ 07072

SECTION I - PRODUCT

PRODUCT NAME: HAND SANITIZER WIPES SOLUTION
DATE OF PREPARATION: 06/23/11
HMIS RATING: HEALTH 1
 FLAMMABILITY 2
 REACTIVITY 0
EMERGENCY PHONE NUMBER: CHEMTREC (800)424-9300
General Information: 201-460-0454

SECTION II - HAZARDOUS INGREDIENTS

PRODUCT NAME	CAS #	VAPOR PRESSURE (mm Hg)	TLV	UNITS
CHEMICAL NAME		PERCENT	PEL	UNITS
GLYCERINE	56-81-5	N.E.		N.E.
GLYCERINE		<9%		N.E.
ETHANOL	64-17-5	43.9	1000 PPM	
ETHANOL		>9%	1000 PPM	
DEIONIZED WATER	7732-18-5	.0		N.E.
WATER		>9%		N.E.
ISOPROPYL ALCOHOL	67-63-0	33.0		400 PPM
2-PROPANOL		<9%		400 PPM

SECTION III - PHYSICAL DATA

BOILING RANGE: 172 - 347 DEG F
VAPOR DENSITY: HEAVIER THAN AIR
EVAPORATION RATE: SLOWER THAN ETHER
PERCENT VOLATILE BY VOLUME: 95%
WEIGHT/GALLON: 7.38000 LBS/GAL

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

HAZARD CLASSIFICATION OSHA: FLAMMABLE LIQUID-CLASS IB

DOT: 3

FLASH POINT (TCC): > 53 DEG F

LOWER EXPLOSION LIMIT % BY VOLUME (IN AIR): > 2.0

EXTINGUISHING MEDIA:

Carbon dioxide. Dry chemical. Alcohol-type foam. Water spray. Universal -type foam.

SPECIAL FIREFIGHTING PROCEDURES:

Use self-contained breathing apparatus. Wear full protective clothing.

Use water spray to cool fire-exposed containers and structures.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Vapors form from this product and may settle in low places, travel along the ground, or move by air currents to be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharges, or other ignition sources at locations distant from handling point.

Product contains alcohol, therefore flames might be difficult to see because they are virtually colorless.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

INGESTION:

Nausea. Vomiting. Diarrhea. Drowsiness. Headache. Stupor. Cramps. Incoordination.

Loss of consciousness. Possible liver damage. Central nervous system depression.

SKIN ABSORPTION:

No evidence of adverse effects from available information.

MATERIAL SAFETY DATA SHEET**INHALATION:**

Headache. Narcosis. Dizziness. Drowsiness. Irritation. Pulmonary irritation.

SKIN CONTACT:

Irritation. Chapping. Cracking.

EYE CONTACT:

Irritation. Corneal injury.

CHRONIC EFFECTS OF OVEREXPOSURE:

No evidence of adverse effects from available information.

OTHER HEALTH HAZARDS:

None currently known.

PRIMARY ROUTE (S) OF ENTRY:

Ingestion. Skin absorption. Inhalation. Eye contact.

EMERGENCY AND FIRST AID PROCEDURES**INGESTION:**

If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician.

SKIN:

Flush skin with water. Remove and wash contaminated clothing promptly. Call a physician.

INHALATION:

If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

EYES:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

NOTES TO PHYSICIAN:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

SECTION VI - REACTIVITY DATA**STABILITY:**

Stable.

CONDITIONS TO AVOID:

Heat. Ignition sources. Fire. Severe oxidizing conditions.

INCOMPATIBILITY:

Nitric acid. Sulfuric acid. Strong oxidizing agents. Aldehydes. Halogens. Halogen compounds.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide. Carbon dioxide. Acrolein.

HAZARDOUS POLYMERIZATION:

Will not occur.

CONDITIONS TO AVOID:

None known.

SECTION VII - SPILL OR LEAK PROCEDURES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Contact local authorities.

Extinguish and do not turn on any ignition source until area is determined to be free from explosion or fire hazards.

Collect large spills for disposal. Flush small spills with water.

WASTE DISPOSAL:

Incineration in accordance with all federal, state, and local regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION**RESPIRATORY PROTECTION:**

If vapors are present, use a MESA or NIOSH approved respirator for organic vapors, fresh air breathing apparatus, or a self contained breathing apparatus.

VENTILATION:

General (mechanical) room ventilation to maintain vapor levels below TLV is expected to be satisfactory. Keep this product in closed equipment.

Special, local ventilation is needed at points where vapors or mists are expected to escape to the workplace air.

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PROTECTIVE GLOVES:

Consult the glove manufacturer for the most appropriate glove material.

EYE PROTECTION:

Chemical safety goggles.

OTHER PROTECTIVE EQUIPMENT:

Eye bath and safety shower.

Wear protective clothing to prevent repeated or prolonged contact.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

WARNING! Causes eye irritation. May cause skin irritation. Flammable.

Keep away from heat, sparks, and flame. Wash thoroughly after handling.

Keep container closed.

Equipment and containers should be bonded and grounded when transferring or using material.

Empty containers should not be exposed to fire, sparks, or flame as residual vapors may be explosive.

FOR INDUSTRY USE ONLY. Use explosion-proof electrical fixtures.

OTHER PRECAUTIONS:

Store materials wetted with this product (eg. rags, paper, insulation, clay, etc.) in approved safety container designed for that purpose. Dispose of as quickly as possible.