

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ELECTRODE GEL

GENERAL USE: Electrode Conductive Gel for Monitoring

PRODUCT DESCRIPTION: Opaque gel, characteristic odor

**MANUFACTURER'S NAME**

Mavidon Medical Products

DATE PREPARED: March 12, 2006

SUPERSEDES: July 30, 2001

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ADDRESS (NUMBER, STREET, P.O. BOX)

1820 2nd Avenue North

TELEPHONE NUMBER FOR INFORMATION

(561) 585-2227

MATERIAL SAFETY DATA SHEET**COUNTRY**

Lake Worth, FL 33461

USA

EMERGENCY TELEPHONE NUMBER

Infotrac (800) 535-5053 Outside USA (352) 323-3500

DISTRIBUTOR'S NAME**ADDRESS (NUMBER, STREET, P.O. BOX)****TELEPHONE NUMBER FOR INFORMATION**

(CITY, STATE AND ZIP CODE)

COUNTRY**EMERGENCY TELEPHONE NUMBER**

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS**CAS #****%**

(by weight)

OSHA PEL

PPM

MG/M3

ACGIH TWA

PPM

MG/M3

SARA

TITLE III

RQ

LBS

No hazardous materials present as defined by OSHA - 29 CFR 1910.1000; EPA - 40 CFR 260 - 281, 302, 355, 370, 372; DOT - 49 CFR 172; WHMIS or EC Directive 91 / 155 / EEC.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Mild liquid, ingestion may cause gastric distress. Hazard Symbols - not classified. Risk phrases - none.

POTENTIAL HEALTH EFFECTS

INHALATION: None expected, however, certain individuals may experience minor nausea or headaches.

SKIN: None expected, however, prolonged contact may cause irritation. This product has passed the "acute Dermal Toxicity in the Rabbit (Limit Test), In vitro Cytotoxicity Test, Primary Skin Irritation Test, and Repeated Patch Dermal Sensitization Test.

EYES: Contact with eyes may cause irritation.

INGESTION: May cause gastric distress, vomiting and diarrhea.

CARCINOGENICITY

NTP?

No

IARC MONOGRAPHS?

No

OSHA REGULATED?

No

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SECTION 4 - FIRST AID MEASURES			
INHALATION: Remove affected person to fresh air; if symptoms persist seek medical attention.			
SKIN: Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.			
EYES: Check for and remove contact lenses. Flush eyes with water for 15 minutes; if irritation persists, seek medical attention.			
INGESTION: Give two glasses of water for dilution; DO NOT induce vomiting; never give anything by mouth to an unconscious person; seek medical attention.			
SECTION 5 - FIRE FIGHTING MEASURES			
FLASH POINT (METHOD USED) Non-flammable	FLAMMABLE LIMITS	LEL: Not applicable	UEL: Not applicable
	AUTOIGNITION TEMPERATURE:	Not determined	NFPA CLASS: None
GENERAL HAZARDS: Product is not considered flammable or combustible. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.			
EXTINGUISHING MEDIA Carbon dioxide, water, water fog, dry chemical, chemical foam.			
FIRE FIGHTING PROCEDURES Keep containers cool with water spray to prevent container rupture due to steam buildup.			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			
HAZARDOUS COMBUSTION PRODUCTS Smoke, fumes or vapors, oxides of carbon.			
SECTION 6 - ACCIDENTAL RELEASE MEASURES			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills - wash to sanitary sewer with plenty of water. Large spills - soak up with approved absorbent, shovel product into approved container for disposal. Wash area with plenty of water.			
SECTION 7 - HANDLING AND STORAGE			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures.			
SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION			
ENGINEERING CONTROLS			
The use of local exhaust ventilation is recommended. No other special controls are indicated.			
PERSONAL PROTECTION:			
RESPIRATORY PROTECTION: None required			
PROTECTIVE GLOVES: None required			
EYE PROTECTION: Safety glasses recommended for general protection Refer to 29 CFR 1910.133 or European Standard EN166.			
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyewash station nearby.			
WORK / HYGIENIC PRACTICES: Practice safe workplace habits.			

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES				
VAPOR PRESSURE (MM Hg) 17 mm Hg @ 20 ° C		VAPOR DENSITY (AIR = 1) > 1		
SPECIFIC GRAVITY (WATER = 1) 1.001		EVAPORATION RATE (WATER = 1) < 1		
SOLUBILITY IN WATER Complete		FREEZING POINT 32°F (0° C)		
pH 7.5 - 7.8		APPEARANCE AND ODOR Opaque, characteristic odor		
BOILING POINT 212° F (100° C)		PHYSICAL STATE Gel		
VISCOSITY Gel		VOLATILE ORGANIC COMPOUNDS (Total VOC's) None		
SECTION 10 - STABILITY AND REACTIVITY				
STABILITY UNSTABLE: STABLE: XXX		CONDITIONS TO AVOID: Extreme temperatures, keep from freezing.		
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids.				
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.				
HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: XXX		CONDITIONS TO AVOID: None		
SECTION 11 - TOXICOLOGICAL INFORMATION				
Hazardous Ingredients	CAS #	EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
No hazardous materials present as defined by OSHA - 29 CFR 1910.1000; EPA - 40 CFR 260 - 281, 302, 355, 370, 372; DOT - 49 CFR 172; WHMIS or EC Directive 91 / 155 / EEC.				
SECTION 12 - ECOLOGICAL INFORMATION				
No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.				
SECTION 13 - DISPOSAL CONSIDERATIONS				
WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. Product is classified as non - hazardous, however, non-hazardous materials may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.				
SECTION 14 - TRANSPORT INFORMATION				
PROPER SHIPPING NAME: Non - Hazardous for Transport				
DOT HAZARD CLASS / Pack Group: Not regulated REFERENCE: Not Applicable UN / NA IDENTIFICATION NUMBER: None LABEL: None Required HAZARD SYMBOLS: None		IATA HAZARD CLASS / Pack Group: Not regulated IMDG HAZARD CLASS: Not regulated RID/ADR Dangerous Goods Code: Not regulated UN TDG Class / Pack Group: Not regulated Hazard Identification Number (HIN): None		
Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.				

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SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic Substance Control Act)

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

SARA TITLE III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories

None

313 Reportable Ingredients:

None

CERCLA (Comprehensive Response Compensation and Liability Act)

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

There are no chemicals present known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: Not controlled

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

EC Risk Phrases

None

SYMBOL(S) REQUIRED FOR LABEL

None

EC Safety Phrases

S2 Keep out of the reach of children.

SECTION 16 - OTHER INFORMATION

Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on Information from similar products, the ingredients, technical literature, and/or professional experience.

HMIS HAZARD RATINGS

HEALTH

0

* = Chronic Health Hazard

2 = MODERATE

FLAMMABILITY

0

0 = INSIGNIFICANT

3 = HIGH

PHYSICAL HAZARD

0

1 = SLIGHT

4 = EXTREME

PERSONAL PROTECTIVE EQUIPMENT

A

Safety Glasses

REVISION SUMMARY:

This MSDS has been revised in the following sections:

Complete format update

MSDS Prepared by: Comprehensive Data Base, Inc.
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(863) 644 - 3298 www.compdatabase.com

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material, even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.