

**SECTION 1: PRODUCT IDENTIFICATION**

<b>PRODUCT NAME</b>	<b>HYDROGEL</b>
<b>PRODUCT CODE</b>	<b>2298</b>
<b>SUPPLIER</b>	<b>MEDISCA Inc.</b> Tel.: 1.800.932.1039   Fax.: 1.855.850.5855 661 Route 3, Unit C, Plattsburgh, NY, 12901 3955 W. Mesa Vista Ave., Unit A-10, Las Vegas, NV, 89118 6641 N. Belt Line Road, Suite 130, Irving, TX, 75063 <b>MEDISCA Pharmaceutique Inc.</b> Tel.: 1.800.665.6334   Fax.: 514.338.1693 4509 Rue Dobrin, St. Laurent, QC, H4R 2L8 21300 Gordon Way, Unit 153/158, Richmond, BC V6W 1M2 <b>MEDISCA Australia PTY LTD</b> Tel.: 1.300.786.392   Fax.: 61.2.9700.9047 Unit 7, Heritage Business Park 5-9 Ricketty Street, Mascot, NSW 2020
<b>EMERGENCY PHONE</b>	CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 NSW Poisons Information Centre: 131 126
<b>USES</b>	Compounding (commonly used as an ultrasound gel)

**SECTION 2: HAZARDS IDENTIFICATION**

<b>GHS CLASSIFICATION</b>	Based on available data, the classification criteria are not met.			
<b>PICTOGRAM</b>	Not Applicable			
<b>SIGNAL WORD</b>	Not applicable			
<b>HAZARD STATEMENT(S)</b>	Not applicable			
<b>AUSTRALIA-ONLY HAZARDS</b>	Not applicable			
<b>PRECAUTIONARY STATEMENT(S)</b>	<b>Prevention</b>	Not applicable		
	<b>Response</b>	Not applicable		
	<b>Storage</b>	Not applicable		
	<b>Disposal</b>	Not applicable		
<b>HMS CLASSIFICATION</b>	<b>Health Hazard</b>	0	<b>Flammability</b>	0
	<b>Reactivity</b>	0	<b>Personal Protection</b>	A

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<b>CHEMICAL NAME</b>	Not applicable
<b>BOTANICAL NAME</b>	Not applicable
<b>SYNONYM</b>	Not applicable
<b>CHEMICAL FORMULA</b>	Not applicable
<b>CAS NUMBER</b>	Not applicable
<b>ALTERNATE CAS NUMBER</b>	Not applicable

<b>MOLECULAR WEIGHT</b>	Not applicable											
<b>COMPOSITION</b>	<table border="1"> <thead> <tr> <th>CHEMICAL NAME</th> <th>CAS NUMBER</th> <th>% BY WEIGHT</th> </tr> </thead> <tbody> <tr> <td>PROPYLENE GLYCOL</td> <td>57-55-6</td> <td>*Proprietary</td> </tr> <tr> <td>SODIUM HYDROXIDE</td> <td>1310-73-2</td> <td>*Proprietary</td> </tr> </tbody> </table>			CHEMICAL NAME	CAS NUMBER	% BY WEIGHT	PROPYLENE GLYCOL	57-55-6	*Proprietary	SODIUM HYDROXIDE	1310-73-2	*Proprietary
CHEMICAL NAME	CAS NUMBER	% BY WEIGHT										
PROPYLENE GLYCOL	57-55-6	*Proprietary										
SODIUM HYDROXIDE	1310-73-2	*Proprietary										
<b>NOTES</b>	<p>There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as health hazards and hence require reporting in this section.</p> <p>*Proprietary: Ingredients indicated as hazardous have been assessed under standards for workplace safety. In accordance with 29 CFR 1910.1200, the exact percentage composition of this mixture has been withheld as trade secret.</p> <p>Non-scented silicone-in-water microemulsion with rapid absorption properties.</p>											

## SECTION 4: FIRST-AID MEASURES

<b>IN CASE OF EYE CONTACT</b>	Flush with copious amounts of water for 15 minutes, separating eyelids with fingers. If irritation persists seek medical aid.
<b>IN CASE OF SKIN CONTACT</b>	Not expected to be a hazard under normal use. Wash with soap and water if irritation occurs. Seek medical attention if irritation develops and persists.
<b>IF SWALLOWED</b>	Call a physician. Wash out mouth with water. Do not induce vomiting without medical advice.
<b>IF INHALED</b>	Not expected to be a hazard under normal use. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician
<b>SYMPTOMS AND EFFECTS</b>	Not expected to present a significant hazard under anticipated conditions of normal use.

## SECTION 5: FIREFIGHTING MEASURES

<b>SPECIFIC HAZARDS ARISING FROM THE CHEMICAL</b>	Not applicable
<b>FLAMMABLE PROPERTIES</b>	May be combustible at high temperature.
<b>HAZARDOUS COMBUSTION PRODUCTS</b>	Under fire conditions, hazardous fumes will be present.
<b>EXTINGUISHING MEDIA</b>	<b>Small fire:</b> dry chemical, CO <sub>2</sub> or water spray. <b>Large fire:</b> dry chemical, CO <sub>2</sub> , alcohol resistant foam or water spray. Do not get water inside containers.
<b>PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS</b>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>PERSONAL PRECAUTIONS</b>	Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
<b>METHODS &amp; MATERIAL FOR CONTAINMENT</b>	On land, sweep or shovel into suitable containers.
<b>CLEANUP PROCEDURE</b>	Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Shut off all sources of ignition. Evacuate the area. If necessary, employ water fog to disperse the vapors. Absorb the matter with compatible vermiculite or other absorbing material. Place in a suitable container and retain for disposal. Ventilate and clean the affected area. Do not flush into sewerage system or to drains.

**SECTION 7: HANDLING AND STORAGE**
**PRECAUTIONS FOR SAFE HANDLING**

Avoid contact with eyes. Store away from incompatible materials, in a well-ventilated area. Eliminate all sources of ignition. Store in accordance with local regulations. Do not store in unlabelled containers. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Use appropriate containment to avoid environmental contamination.

**STORAGE CONDITIONS**

Store in original container, tightly sealed, protected from direct sunlight and moisture. Controlled room temperature indicates a temperature 20° to 25°C (68° to 77°F); that results in a mean kinetic temperature calculated to be not more than 25°C; and that allows for excursions between 15° and 30°C (59° and 86°F) that are experienced in pharmacies, hospitals, and warehouses. Provided the mean kinetic temperature remains in the allowed range, transient spikes up to 40°C (104°F) are permitted as long as they do not exceed 24 hours. Keep in well closed, light-resistant containers at controlled room temperature.

**SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION**
**Chemical Name: PROPYLENE GLYCOL CAS #: 57-55-6**

	TWA	Ceiling	STEL	REL	IDLH	Remarks
OSHA PEL	N/L	N/L	-	-	-	-
ACGIH TLV	N/L	N/L	N/L	-	-	-
NIOSH	N/L	N/L	N/L	N/L	N/L	-
AIHA WEEL	10 mg/m <sup>3</sup>	N/L	N/L	-	-	-
Safe Work Australia HSIS	10 mg/m <sup>3</sup>	N/L	N/L	-	-	-
HSE	10 mg/m <sup>3</sup>	N/L	N/L	-	-	-

**Chemical Name: SODIUM HYDROXIDE CAS #: 1310-73-2**

	TWA	Ceiling	STEL	REL	IDLH	Remarks
OSHA PEL	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	-	-	-	-
ACGIH TLV	N/L	2 mg/m <sup>3</sup>	N/L	-	-	-
NIOSH	2 mg/m <sup>3</sup>	N/L	N/L	N/L	N/L	-
AIHA WEEL	N/L	N/L	N/L	-	-	-
Safe Work Australia HSIS	2 mg/m <sup>3</sup>	N/L	N/L	-	-	-
HSE	N/L	N/L	2 mg/m <sup>3</sup>	-	-	-

N/L = Not Listed

**EXPOSURE GUIDELINES**

Consult local authorities for provincial or state exposure limits. Particulates not otherwise regulated, respirable fraction: 5 mg/m<sup>3</sup>

**PERSONAL PROTECTIVE EQUIPMENT**

**Eyes:** Not needed for normal use. Operate according to good working practices. **Skin:** No special precaution must be adopted for normal use. Operate according to good working practices. **Clothing:** Not needed for normal use. Operate according to good working practices. **Respirators:** Not needed for normal use. Operate according to good working practices.

**SPECIFIC ENGINEERING CONTROLS**

Not needed for normal use. Operate according to good working practices.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**
**PHYSICAL STATE**

Solid

**DESCRIPTION**

Viscous, translucent gel with light odor.

**SOLUBILITY**

Very slightly soluble in cold water.

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<b>ODOR</b>	Light odor				
<b>FLAMMABILITY</b>	May be combustible at high temperature				
<b>ODOR THRESHOLD</b>	Not available	<b>pH</b>	4.5 - 6.5	<b>MELTING POINT</b>	Not available
<b>BOILING POINT</b>	Not available	<b>FREEZING POINT</b>	Not available	<b>FLASH POINT</b>	Not available
<b>SPECIFIC GRAVITY</b>	0.9 - 1.030	<b>EVAPORATION RATE</b>	Not available	<b>EXPLOSIVE LIMIT</b>	Not available
<b>UPPER FLAMMABLE/ EXPLOSIVE LIMIT(S)</b>	Not available	<b>LOWER FLAMMABLE/ EXPLOSIVE LIMIT(S)</b>	Not available	<b>VAPOR PRESSURE</b>	Not available
<b>VAPOR DENSITY (AIR = 1)</b>	Not available	<b>RELATIVE DENSITY (WATER = 1)</b>	Not available	<b>log P (OCTANOL-WATER)</b>	Not available
<b>AUTO-IGNITION TEMPERATURE</b>	Not available	<b>DECOMPOSITION TEMPERATURE</b>	Not available	<b>VISCOSITY</b>	110 000 - 140 000 cps

**NOTES** The physical data presented above are typical values and should not be construed as a specification.

## SECTION 10: STABILITY AND REACTIVITY

<b>REACTIVITY</b>	Not established
<b>STABILITY</b>	Stable under recommended storage conditions.
<b>MATERIALS TO AVOID</b>	Strong oxidants.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and other gases may occur.
<b>HAZARDOUS POLYMERIZATION</b>	Will not occur.
<b>POSSIBILITY OF HAZARDOUS REACTION</b>	Not established
<b>CONDITIONS TO AVOID</b>	Moisture, sunlight and extreme temperatures.

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>ACUTE TOXICITY</b>	Oral: Rat: LD50: (mg/kg): Not available Dermal: Rabbit LD50: (mg/kg): Not available Inhalation: Rat: LC50: (mg/L/4hr): Not available
<b>SKIN CORROSION/IRRITATION</b>	Based on available data, the classification criteria are not met. Contains ingredients (Propylene Glycol, Polydimethylsiloxane, Phenoxyethanol, Carbomer and Sodium Hydroxide) may cause skin irritation.
<b>SERIOUS EYE DAMAGE/EYE IRRITATION</b>	Based on available data, the classification criteria are not met. Contains ingredients (Phenoxyethanol and Sodium Hydroxide) may cause eye irritation.
<b>RESPIRATORY OR SKIN SENSITIZATION</b>	Respiratory sensitization: Due to lack of data the classification is not possible. Skin sensitization: Due to lack of data the classification is not possible.
<b>GERM CELL MUTAGENICITY</b>	Due to lack of data the classification is not possible.

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<b>CARCINOGENICITY</b>	<b>OSHA</b>	No component of this product, present at $\geq 0.1\%$ , is listed.
	<b>NTP</b>	No component of this product, present at $\geq 0.1\%$ , is listed.
	<b>IARC</b>	CARBOMER (Polyacrylic acid) is listed in group 3 (not classifiable as to its carcinogenicity to humans). No other component of this product, present at $\geq 0.1\%$ has been evaluated.
	<b>California Proposition 65</b>	No component of this product, present at $\geq 0.1\%$ is known to the State of California to cause cancer, birth defects, or any other reproductive harm.
<b>ADDITIONAL CARCINOGENICITY INFORMATION</b>		Due to lack of data the classification is not possible.
<b>REPRODUCTIVE TOXICITY</b>		Due to lack of data the classification is not possible.
<b>SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE</b>		Due to lack of data the classification is not possible.
<b>SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE</b>		Due to lack of data the classification is not possible.
<b>ASPIRATION HAZARDS</b>		Due to lack of data the classification is not possible.
<b>SIGNS AND SYMPTOMS OF EXPOSURE</b>		Not expected to present a significant hazard under anticipated conditions of normal use.
<b>POTENTIAL HEALTH EFFECTS</b>	<b>Inhalation</b>	Not expected to present a significant hazard under anticipated conditions of normal use.
	<b>Ingestion</b>	May be harmful if swallowed.
	<b>Skin</b>	Not expected to present a significant hazard under anticipated conditions of normal use. May cause skin irritation.
	<b>Eyes</b>	May cause eye irritation.

## SECTION 12: ECOLOGICAL INFORMATION

<b>TOXICITY</b>	EC50: 48 Hr: Crustacea: (mg/L): Not available LC50: 96 Hr: Fish: (mg/L): Not available EC50: 72 or 96 Hr: Algae (or other aqua plants): (mg/L): Not available
<b>PERSISTENCE AND DEGRADABILITY</b>	Not available
<b>BIOACCUMULATIVE POTENTIAL</b>	Not available
<b>MOBILITY IN SOIL</b>	Very slightly soluble in cold water.
<b>OTHER ADVERSE EFFECTS</b>	Not available This product is not intended to be released into the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>WASTE DISPOSAL</b>	Dispose of in accordance with federal / local laws and regulations. Avoid release into the environment.
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## SECTION 14: TRANSPORT INFORMATION

<b>UNITED STATES &amp; CANADA</b>	
<b>UN PROPER SHIPPING NAME</b>	Not dangerous good
<b>UN NUMBER</b>	Not applicable
<b>CLASS</b>	Not applicable

PACKING GROUP Not applicable

**AUSTRALIA**

UN PROPER SHIPPING NAME Not dangerous good

UN NUMBER Not applicable

CLASS Not applicable

PACKING GROUP Not applicable

HAZCHEM Not applicable

ENVIRONMENTAL HAZARDS Not available

SPECIAL SHIPPING INFORMATION Not applicable

**SECTION 15: REGULATORY INFORMATION**

Chemical Name & CAS	CERCLA 40 CFR Part 302.4	SARA (Title III) 40 CFR Part 372.65	EPA 40 CFR Part 355		Pennsylvania	Right-to-know		California Prop 65
			Appendix A	Appendix B		New Jersey	Massachusetts	
PROPYLENE GLYCOL 57-55-6	N/L	N/L	N/L	N/L	X	X	N/L	N/L
SODIUM HYDROXIDE 1310-73-2	X	N/L	N/L	N/L	X	X	X	N/L

N/L = Not Listed; X = Listed

**AUSTRALIAN REGULATIONS**

Chemical Name & CAS	Poisons and Therapeutic Goods Regulation	Therapeutic Goods Act	Code of Practices - Illicit Drug Precursors
PROPYLENE GLYCOL 57-55-6	N/L	N/L	N/L
SODIUM HYDROXIDE 1310-73-2	N/L	Listed as Schedule 7	Listed as Category III

**SECTION 16: OTHER INFORMATION**
**REFERENCES**

Available upon request

**ABBREVIATIONS AND ACRONYMS**

**CAS** – Chemical Abstract Service; **GHS** – Global Harmonized System; **OSHA PEL** – Occupational Safety & Health Administration Permissible Exposure Limits; **TWA** – Time Weighted Average; **HSIS** – Hazardous Substances Information System; **STEL** – Short Term Exposure Limit; **AIHA WEEL** – American Industrial Hygiene Association Workplace Environment Exposure Levels; **LD50** – Lethal Dose, 50%; **IARC** – International Agency for Research on Cancer; **NTP** – National Toxicology Program; **WHMIS** – Workplace Hazardous Materials Information System; **SARA** – Superfund Amendments and Reauthorization Act; **EPA** – Environmental Protection Agency; **CERCLA** – Comprehensive Environmental Response, Compensation, and Liability Act; **HMIS** – Hazardous Materials Information System; **NIOSH** – National Institute for Occupational Safety and Health; **MSHA** - Mine Safety and Health Administration; **ACGIH** - American Conference of Governmental Industrial Hygienists; **IDHL** - Immediately Dangerous to Health or Life; **TLV** – Threshold Limit Value; **HSE** – Health and Safety Executive; **REL** - Recommended Exposure Limit

LAST REVISION

03/2019

SUPERSEDES

09/2016

**DISCLAIMER**

This document was created in accordance with OSHA, Safe Work Australia and WHMIS regulations. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. MEDISCA® shall not be held liable for any damage resulting from handling or from contact with the above product. Recipients of the product must take responsibility for observing existing laws and regulations.