

**SECTION 1: PRODUCT IDENTIFICATION**

<b>PRODUCT NAME</b>	<b>AQUA-OSMOLINE™</b>
<b>PRODUCT CODE</b>	<b>2824</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>	Cosmetic preparations

**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>	1
	<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>	<b>CHEMICAL NAME</b>	<b>CAS NUMBER</b>	<b>% BY WEIGHT</b>
	1,2,3-Propanetriol (Glycerin)	56-81-5	30 - 60
<b>NOTES</b>	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. Ingredients are 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.		

## 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 anticipated conditions of normal use. Wash with soap & 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 anticipated conditions of 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. Preserve in tight, light-resistant containers, at a temperature between 2-8°C. It is best to use entire content after opening.

**SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION**
**Chemical Name:** 1,2,3-PROPANETRIOL (Glycerin) **CAS #:** 56-81-5

	TWA	Ceiling	STEL	REL	IDLH	Remarks
OSHA PEL	15 mg/m <sup>3</sup>	N/L	-	-	-	total dust
ACGIH TLV	10 mg/m <sup>3</sup>	N/L	N/L	-	-	mist
NIOSH	15 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	N/L	N/L	N/L	-	-	-
HSE	10 mg/m <sup>3</sup>	N/L	N/L	-	-	-

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**

Liquid

**DESCRIPTION**

Yellow, limpid solution, with a characteristic odor.

**SOLUBILITY**

Soluble in water.

**ODOR**

Characteristic odor

**FLAMMABILITY**

May be combustible at high temperature

**ODOR THRESHOLD**

Not available

**pH**

4.0 - 5.0

**MELTING POINT**

Not available

**BOILING POINT**

Not available

**FREEZING POINT**

Not available

**FLASH POINT**

 199°C, 390.2°F  
(value for component)

**SPECIFIC GRAVITY**

Not available

**EVAPORATION RATE**

Not available

**EXPLOSIVE LIMIT**

Not available

**UPPER FLAMMABLE/  
EXPLOSIVE LIMIT(S)**

Not available

**LOWER FLAMMABLE/  
EXPLOSIVE LIMIT(S)**

Not available

**VAPOR PRESSURE**

Not available

<b>VAPOR DENSITY (AIR = 1)</b>	Not available	<b>RELATIVE DENSITY (WATER = 1)</b>	1.06 - 1.09 g/cm <sup>3</sup>	<b>log P (OCTANOL-WATER)</b>	Not available
<b>AUTO-IGNITION TEMPERATURE</b>	Not available	<b>DECOMPOSITION TEMPERATURE</b>	Not available	<b>VISCOSITY</b>	Not available

**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. Strong bases.
<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>	Due to lack of data the classification is not possible.
<b>SERIOUS EYE DAMAGE/EYE IRRITATION</b>	Due to lack of data the classification is not possible.
<b>RESPIRATORY OR SKIN SENSITIZATION</b>	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.
<b>CARCINOGENICITY</b>	<b>OSHA</b> Based on the compositional information available from the supplier, no component of this product is listed. <b>NTP</b> Based on the compositional information available from the supplier, no component of this product is listed. <b>IARC</b> Based on the compositional information available from the supplier, no component of this product is listed. <b>California Proposition 65</b> Based on the compositional information available from the supplier, no component of this product is listed.
<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.

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<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>	<table border="0"> <tr> <td><b>Inhalation</b></td> <td>Not expected to present a significant hazard under anticipated conditions of normal use.</td> </tr> <tr> <td><b>Ingestion</b></td> <td>May be harmful if swallowed.</td> </tr> <tr> <td><b>Skin</b></td> <td>Not expected to present a significant hazard under anticipated conditions of normal use. May cause skin irritation.</td> </tr> <tr> <td><b>Eyes</b></td> <td>May cause eye irritation.</td> </tr> </table>	<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.
<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>	<p>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</p>
<b>PERSISTENCE AND DEGRADABILITY</b>	Readily biodegradable
<b>BIOACCUMULATIVE POTENTIAL</b>	Not available
<b>MOBILITY IN SOIL</b>	Soluble in water.
<b>OTHER ADVERSE EFFECTS</b>	<p>Not available</p> <p>This product is not intended to be released into the environment</p>

## 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><u>UNITED STATES &amp; CANADA</u></b>	
<b>UN PROPER SHIPPING NAME</b>	Not dangerous good
<b>UN NUMBER</b>	Not applicable
<b>CLASS</b>	Not applicable
<b>PACKING GROUP</b>	Not applicable
<b><u>AUSTRALIA</u></b>	
<b>UN PROPER SHIPPING NAME</b>	Not dangerous good
<b>UN NUMBER</b>	Not applicable
<b>CLASS</b>	Not applicable
<b>PACKING GROUP</b>	Not applicable
<b>HAZCHEM</b>	Not applicable
<b>ENVIRONMENTAL HAZARDS</b>	Not available
<b>SPECIAL SHIPPING INFORMATION</b>	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		
1,2,3-PROPANETRIOL (Glycerin) 56-81-5	N/L	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
1,2,3-PROPANETRIOL (Glycerin) 56-81-5	N/L	N/L	N/L

**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**

02/2019

**SUPERSEDES**

11/2016

**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.