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## Retaine® MGD® SDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION	
Product Name:	Retaine® MGD®
Product Description:	General Lubricant Eye Drops
Product Use:	OTC
Company Name:	OCuSOFT Inc.
Company Address:	30444 Southwest Freeway Rosenberg, TX 77471
Date Issued:	08/17/2015
Emergency Telephone Number:	800-233-5469 for product information 800- 222-1222 for Poison Control Center
2. HAZARDS IDENTIFICATION	
<b>HMIS Hazard Rating:</b> Health = 0 Flammability = 0 Physical = 0 Reactivity = 0	
<b>Emergency Overview:</b> Clear colorless liquid with no odor. This product is intended for use a general eye lubricant. If you are allergic to any ingredient in this product, DO NOT USE.	
<b>Precaution:</b> This product is intended as a general eye lubricant. If any discomfort develops, immediately discontinue use of this product. If discomfort persists, contact your eye care professional. Use in accordance with product literature.	
If you are allergic to any ingredient in this product, DO NOT USE.	
Routes of Entry	
Skin Contact:	Non-irritating to skin or mucous membranes when used as directed.
Eye:	Non-irritating to the eyes when used as directed.
Ingestion:	Small, amounts (a tablespoonful) swallowed are not likely to cause injury; swallowing amounts larger than that may cause gastrointestinal irritation.
Inhalation:	No known hazard under normal condition of use.
Chronic Health Effects:	No known chronic hazards.
3. COMPOSITION/INGREDIENT INFORMATION	
Chemical Composition:	

NUM	Chemical Name	C.A.S Number	EINESCS Number	Risk Phrases	Symbol
1	Cetalkonium Chloride	122-18-9	204-526-3	R20/21/22;R34;R41;R50/53	C,Xn,N
2	Heavy Mineral Oil	8012-95-1	232-384-2	-	-
3	Light Mineral Oil	8012-95-1	232-384-2	-	-
4	Tyloxapol USP	25301-02-4	-	R36/37/38; R43	Xi
5	Poloxamer 188	9003-11-6	-	-	-
6	Tromethamine	77-86-1	201-064-4	R36/38	Xi
7	Tris Hydrochloride	1185-53-1	214-684-5	R36/38	Xi
8	Glycerol	56-81-5	200-289-5	Not Listed	-
9	Water for Injection	7732-18-5	231-791-2	Not Listed	-

Preparation Classification: Preparation not classified as dangerous.

Substance Information: See table above in 3.1.

Classification and Labeling: See table above in 3.1.

CAS/EINECS Numbers: See table above in 3.1.

Confidentiality: Not applicable.

#### 4. FIRST AID MEASURES

Routes of exposure: For use in the eyes only

**Exposure Limits:** No exposure limits established for the product by ACGIH or OSHA.

**Skin Contact:** No specific treatment is necessary since this material is not likely to be hazardous by contact with the skin or mucous membranes

**Eye Contact:** If discomfort or irritation develops, immediately discontinue product use and contact your eye care professional.

**Ingestion:** No specific treatment is necessary since the material is not likely to be hazardous by ingestion. If large quantities are accidentally ingested (greater than a tablespoon), get medical attention immediately.

**Inhalation:** Remove to fresh air and get medical help on case of any sickness.

**Carcinogenicity:** N/A

**Cytogenicity:** N/A

#### 5. FIRE FIGHTING MEASURES

Flammable Limits:

Not available

Extinguishing Media:

Aqueous solution, not flammable

Special Firefighting Procedures:

No special procedure required. The product, as manufactured, is non-combustible.

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Unusual Fire & Explosion Hazards:	None identified
<b>6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)</b>	
Methods for Cleaning Up:	Use absorbent materials, cotton cloth, etc.
<b>7. HANDLING AND STORAGE</b>	
Handling	
Safe Handling:	No special handling is required when used in accordance with product labeling.
Storage	
Requirements for Storage Areas and Containers:	Keep away from: light, food, drink and animal feedstuffs. Keep under 30°C and avoid freezing or warming temperatures during storage.
<b>8. EXPOSURE CONTROL/PERSONAL PROTECTION</b>	
<b>This section only applies to the preparation when used in an industrial setting.</b>	
Exposure Limits Values:	No in-house Workplace Exposure Level (WEL) has been established.
Occupational Exposure Controls:	The following types of Personal Protective Equipment will offer satisfactory protection under the prescribed circumstances.
Respiratory Protection:	Not required under normal conditions.
Skin Protection:	Laboratory coat
Eye Protection:	Chemical safety glasses
Hand Protection:	Latex, nitrile or neoprene gloves
Environmental Exposure Controls:	No special environmental precautions required
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	
Physical State:	Liquid solution
Color:	Milky white liquid ( oil in water emulsion)
Odor:	Odorless
pH:	4.5 and 6.5

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Relative Density:	1.003
Vapor Pressure (mmHg at 21°C (70°F)):	N/A
Vapor Density:	N/A
Flash Point:	N/A
Boiling Point:	≈ 100°C
Viscosity:	1.1 to 1.2 mm <sup>2</sup> .s-1
Solubility:	High solubility in propanol
Solubility in Water:	N/A
<b>10. STABILITY AND REACTIVITY</b>	
Conditions to Avoid:	N/A
Incompatibility (Materials and Conditions to Avoid):	N/A
Hazardous Decomposition or Byproducts:	N/A
Hazardous Polymerization:	N/A
<b>11. TOXICOLOGICAL INFORMATION</b>	
<p><b>Toxicokinetics, metabolism, and distribution:</b> Not relevant</p> <p><b>Acute Effect:</b> This product has been tested and shown not to cause sensitization. No acute nor chronic toxicity by ophthalmic route was observed.</p> <p><b>Sensitisation:</b> Not relevant</p> <p><b>Repeated Dose Toxicity:</b> Repeated and or prolonged exposure to this product may cause ocular discomfort which is transient.</p> <p><b>Carcinogenicity:</b> N/A</p> <p><b>Cytogenicity:</b> N/A</p>	
<b>12. ECOLOGICAL INFORMATION</b>	
Biodegradation:	N/A
<b>13. DISPOSAL CONSIDERATIONS</b>	

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Waste Disposal Methods:	Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated
<b>14. TRANSPORT INFORMATION</b>	
DOT Classification:	Not a DOT controlled material (USA)
Class/Division:	Not restricted
Proper Shipping Name:	NA
Label:	None
Packing Group:	NA
ID Number:	NA
Hazard:	NA
<b>15. REGULATORY INFORMATION</b>	
<p><b>OSHA Hazard Communication Standard:</b> This product is not a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.</p> <p><b>Clean Air Act:</b> N/A</p> <p><b>Product Label Text Hazard Information:</b></p> <ul style="list-style-type: none"> <li>▪ Wash hands after handling product</li> <li>▪ Refer to SDS ▪ Keep out of Reach of Children</li> </ul>	
<b>16. ADDITIONAL INFORMATION</b>	
<p>This information is provided for documentation purposes only. This product is not considered hazardous.</p> <p><b>Disclaimer:</b> OCuSOFT Inc. believes that the information herein is factual but is not intended to be all inclusive. The information relates only to the specific material designated and does not relate to its use in combination with other materials or its use as to any particular process. Because safety standards and regulations are subject to change and because OCuSOFT, Inc. has no continuing control over the material, those handling, storing or using the material should satisfy themselves that they have current information regarding the particular way the material is handled, stored or used and that the same is done in accordance with federal, state, local or international law.</p> <p><i>OCuSOFT, Inc. makes no warranty, expressed or implied, including (without limitation) warranties with respect to the completeness or continuing accuracy of the information contained herein or with respect to fitness for any particular use.</i></p>	