SAFETY DATA SHEET

Product name: HEMASEAL-G
Revised on: 19 July 2018

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: HemaSeal-G
NPN: 02246832

MANUFACTURER: Germiphene Corporation
ADDRESS: 1379 Colborne Street East, Brantford, Ontario N3T 5M1, Canada
PHONE: 519-759-7100
FAX: 519-759-1625

EMERGENCY PHONE: CANUTEC 613-996-6666

PRODUCT USE: For the prevention of post-operative thermal pain and sensitivity.
For professional use only.

2. HAZARD IDENTIFICATION

SYMBOLES:
SIGNAL WORD: Warning

GHS Classification:
Eye Irritant: Category 2B
Skin Irritant: Category 2
Acute Toxicity Oral: Category 5
Acute Toxicity Inhalation: Category 5

Hazards:
H320: Causes eye irritation
H303: May be harmful if swallowed
H315: Causes skin irritation
H333: May be harmful if inhaled

Precautionary Statements:
P302 + P352: IF ON SKIN: Wash with plenty of soap and water
P302+P361+P353: IF ON SKIN: Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower
P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P301 + P310: IF SWALLOWED: Call a POISON CENTER or doctor/physician
P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists, get medical attention.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P264: Wash thoroughly after handling.
3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: Glutaraldehyde (50% Solution)
CAS No 111-30-8 % wt 10 w/w
HAZARDOUS: yes

INGREDIENT: Hydroxyethyl Methacrylate (HEMA)
CAS No 868-77-9 % wt 30.46 w/w
HAZARDOUS: yes

INGREDIENT: Sodium Fluoride
CAS No 7681-49-4 % wt 0.5 w/w
HAZARDOUS: yes

4. FIRST AID MEASURES

EYES: Wash eyes with plenty of water for 30 minutes seek medical attention immediately.
SKIN: Rinse thoroughly with water. Remove contaminated clothing. If irritation persists, seek medical attention.
INGESTION: May cause nausea or vomiting. Contact physician immediately.
INHALATION: Remove person to fresh air area. Contact physician if difficulty in breathing persists.

5. FIREFIGHTING MEASURES

FLAMMABILITY: No
COMBUSTIBLE: No

6. ACCIDENTAL RELEASE MEASURES

Spills can be wiped with absorbent paper. Large spills should be absorbed with sand, earth or similar material or mopped up and wash with water.

7. HANDLING AND STORAGE

Keep container closed when not in use and store at room temperature (15-30°C).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Normal room ventilation.
RESPIRATORY PROTECTION: No
EYE PROTECTION: No
SKIN PROTECTION: Yes. Latex or rubber gloves.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No
## 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE</td>
<td>Clear to straw-coloured</td>
</tr>
<tr>
<td>ODOUR</td>
<td>Mildly pungent odour.</td>
</tr>
<tr>
<td>PHYSICAL STATE</td>
<td>Liquid</td>
</tr>
<tr>
<td>pH</td>
<td>N/Av</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>N/Av</td>
</tr>
<tr>
<td>FREEZING POINT</td>
<td>&lt; 0°C</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>&gt; Butyl Acetate</td>
</tr>
<tr>
<td>VAPOUR PRESSURE (mmHg)</td>
<td>N/Av</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>1.00-1.10</td>
</tr>
<tr>
<td>SOLUBILITY</td>
<td>N/Av</td>
</tr>
</tbody>
</table>

## 10. STABILITY AND REACTIVITY

| STABILITY                        | Stable at normal conditions.               |
| CONDITION TO AVOID (STABILITY)   | Intense ultraviolet radiation.            |
| INCOMPATABILITY (MATERIALS TO AVOID) | Alkalies, free radical initiators.        |
| HAZARDOUS DECOMPOSITION PRODUCTS | N/Av                                       |

## 11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>EFFECT</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLUTARALDEHYDE (50% SOLUTION)</td>
<td>N/Av</td>
</tr>
<tr>
<td>HYDROXYETHYL METHACRYLATE (HEMA)</td>
<td>Oral mouse 3275 mg/kg</td>
</tr>
<tr>
<td>SODIUM FLUORIDE</td>
<td>Oral rat LD50 80 mg/kg</td>
</tr>
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</table>

## 12. ECOLOGICAL INFORMATION

N/Av

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Dispose of waste material in accordance with local, provincial, and federal law.

## 14. TRANSPORT INFORMATION

Not regulated by TDG.

## 15. REGULATORY INFORMATION

**WHMIS CATEGORY:** Exempt – Natural Health product

## 16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

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