1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND OF SUPPLIER

Product Identifier: Hydrogen Peroxide 3% Topical Solution
Product Form: Liquid
Other means of identification: Item No. 60080, Hydrogen Peroxide 3%
Product Use: First aid antiseptic, mild oxidizing solution

Supplier Details:
maxill inc.
80 Elm St.
St. Thomas, ON
Canada, N5R 6C8

Emergency Contact: maxill inc. 519-631-7370, CANUTEC: 613.996.6666, ChemTel: 1-800-255-3924

2. HAZARDS IDENTIFICATION

GHS Classification for Mixture: Skin corrosion/irritation – Category 2
Eye damage/irritation – Category 2A

GHS Label Elements:

Signal Word: WARNING
Hazard Statements:
Causes skin irritation
Causes serious eye irritation
Precautionary Statements:
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves. Wear eye protection/face protection.
Response:
IF ON SKIN: Wash with plenty of soap and water
Specific treatment (see supplemental first aid instructions on this label)
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention

Storage: None
Disposal: None
Hazards Not Otherwise Classified: None known.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Name</th>
<th>Product Identifier</th>
<th>% (w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hydrogen peroxide</td>
<td>(CAS) 7722-84-1</td>
<td>1 - 5</td>
</tr>
<tr>
<td></td>
<td>Purified Water</td>
<td>(CAS) 7732-18-5</td>
<td>50 - 100</td>
</tr>
</tbody>
</table>

Any concentration shown as a range is to protect confidentiality or is due to batch variation.
There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

4. FIRST AID MEASURES

Description of First Aid Measures

Inhalation: Remove to fresh air. Get medical attention immediately if symptoms occur.

Skin Contact: In the case of skin irritation or allergic reactions, wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation persist.

Eye Contact: Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Ingestion: If swallowed do NOT induce vomiting and obtain immediate medical attention.

Most important symptoms/effects, acute and delayed

Burning sensation

Eyes: Causes serious eye damage.

Skin: Causes severe skin burns and eye damage.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to physician: No information available

See toxicological information (Section 11)

5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special Hazards Arising from the Substance or Mixture

No information available

Hazardous decomposition: Carbon oxides.

Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Avoid contact with eyes and clothing. Ensure adequate ventilation. Use personal protective equipment as required.
Environmental precautions: Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up
Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for Safe Handling
General Procedures: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.


8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Controls
There is no exposure data pertaining to the Product. This section reflects exposure data pertaining to individual ingredients.

Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Value Type (form of exposure)</th>
<th>Control Parameters/Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>TWA</td>
<td>1 ppm (1.4 mg/m³)</td>
<td>OSHA</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>1 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>1 ppm (1.4 mg/m³)</td>
<td>NIOSH</td>
</tr>
<tr>
<td></td>
<td>IDLH</td>
<td>75 ppm</td>
<td>NIOSH</td>
</tr>
</tbody>
</table>

Appropriate engineering controls
Showers, Eyewash stations, Ventilation systems

Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Eye protection: Tight sealing safety goggles.

Skin and body protection: Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES
**Appearance (physical state)** | Liquid.
---|---
**Colour** | Clear, colourless
**Odor** | Ozone-like
**Initial boiling point** | > 100°C
**Freezing point** | < 0°C
**Flash point** | Not available
**Upper / Lower flammability or explosive limits** | Not available
**Vapor pressure** | Approximately 18 mmHg
**Vapor density** | 0.6 (air = 1)
**Specific gravity** | 1.010
**Partition coefficient: n-octanol/water** | Not available
**Auto-ignition temperature** | Not available
**Solubility(ies)** | Soluble
**pH** | 6.9 – 7.1

### 10. STABILITY AND REACTIVITY

**Reactivity:** No available data

**Chemical Stability:** The product is stable.

**Conditions to Avoid:** None known based on information supplied

**Incompatible Materials:** Strong acids. Strong oxidizing agents. Strong bases.

**Hazardous Decomposition Products:** Carbon oxides.

### 11. TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects - Component

##### Acute Toxicity:

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>LD₅₀ Oral</th>
<th>Species</th>
<th>LD₅₀ Dermal</th>
<th>Species</th>
<th>LC₅₀ Inhalation</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>801 mg/kg</td>
<td>Rat</td>
<td>4060 mg/kg</td>
<td>Rat</td>
<td>2 g/m³ (4h)</td>
<td>Rat</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2000 mg/kg</td>
<td>Rabbit</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Information on toxicological Effects**

May cause skin redness. May cause redness and tearing of the eyes. May cause blindness. Burning.

**Irritation/Corrosion Information for Component**

**Skin corrosion/irritation**

**Skin irritation:** Remarks: Irritating to skin.

**Serious eye damage/eye irritation**

**Eye irritation:** Remarks: Irritating to eyes.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization**

No information available.

**Mutagenic Effects**

No information available.
12. ECOLOGICAL INFORMATION

Ecotoxicity information for product: No available data
Ecotoxicity information for Components:

Persistence and degradability: No available data
Bio-accumulative potential: No available data
Mobility in soil: No available data
Other adverse effects: No available data

13. DISPOSAL CONSIDERATIONS

Disposal methods: Transfer to a suitable container and arrange for collection by specialized disposal company. May be discharged to wastewater treatment installation. Avoid release to soil. Users need to pay attention to the possible existence of regional or national regulations regarding disposal. Disposal, treatment, or recycling of industrial waste must comply with applicable regulations to preserve the environment.

14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>DOT Classification</th>
<th>TDG Classification</th>
<th>Mexico Classification</th>
<th>ADR/RID</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN number</td>
<td>not regulated</td>
<td>not regulated</td>
<td>not regulated</td>
<td>not regulated</td>
<td>not regulated</td>
</tr>
</tbody>
</table>

Special precautions for user: none

15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations for Product
US Federal Regulations
SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories
Acute Health Hazard: Yes
Chronic Health Hazard: No
Fire Hazard: No
Sudden release of pressure hazard: No
Reactive Hazard: No

Canadian Regulations
This product is considered a natural health product (NHP) and is exempt of requirements of WHMIS 2015.
NPN 80076884

16. OTHER INFORMATION:
INCLUDING INFORMATION ON PREPARATION AND REVISION OF THE SDS

Disclaimer
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