1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: Good Vibrations™

Other Means of Identification

SDS #: GVUS/SDS/I04
Product Code: GVUS

Recommended Use of the Chemical and Restrictions on Use

Recommended Use: Ultrasonic Instrument Cleaner.

Details of the Supplier of the Safety Data Sheet

Supplier Address:
Certol International, LLC.
6120 East 58th Avenue
Commerce City, Colorado 80022
www.Certol.com
Phone: 303-799-9401
Toll-Free: 1-800-843-3343
Fax: 303-799-9408

24 Hour Emergency Telephone

INFOTRAC: 1-800-535-5053 (North America)
INFOTRAC: 1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Classification

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious Eye Damage / Eye Irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Causes Skin Irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Acute Toxicity - Inhalation (Dusts / Mists)</td>
<td>Category 4</td>
</tr>
</tbody>
</table>

Signal Word

Physical & Chemical Hazards:

- Dangerous
- None

Health Hazards:

- Harmful if swallowed.
- Causes eye irritation.
- Causes irreversible damage.

Environmental Hazards:

See section 12.

GHS Label Element

Hazard Statements

- H302: Harmful if swallowed.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.

Precautionary Statements:

Prevention

- P201: Obtain special instructions before use.
- P233: Keep container tightly closed.
- P260: Do not breathe dust/fumes/gas/mist/vapors/spray.
- P271: Use only in a well-ventilated area.
- P280: Wear protective gloves, protective clothing, eye protection and face protection.

Response

- P314: Get medical advice/attention if you feel unwell.

Storage

- P402: Store in a dry place
- P403: Store in a well-ventilated place.

Disposal

- P501: Dispose according to all local, state and federal regulations.

Hazard(s) not otherwise classified (HNOC):

Not determined.
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morpholine</td>
<td>110-91-8</td>
<td>*</td>
</tr>
<tr>
<td>Polyethylene Glycol Nonylphenyl Ether</td>
<td>9016-45-9</td>
<td>*</td>
</tr>
</tbody>
</table>

* The exact percentage is a trade secret.

4. FIRST AID MEASURES

**Inhalation**
Move to fresh air and keep at rest in a comfortable position for breathing. If not breathing, give artificial respiration. Consult a physician.

**Eye Contact**
Immediately flush with plenty of water. Remove any contact lenses, continue flushing for several minutes and call physician immediately.

**Ingestion**
Do not induce vomiting. Never give anything by mouth to a person who is unconscious. Call a physician or Poison Control Center.

**Skin Contact**
Wash off immediately with plenty of water for several minutes. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.

**Symptoms**
Causes skin and eye irritation. Inhalation of fumes or mist can cause irritation to the upper respiratory tract. Ingestion may cause irritation of the mouth, throat or stomach.

**Note to Physician**
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Use CO₂, dry chemical or foam to extinguish.

**Unsuitable Extinguishing Media**
Not Determined.

**Specific Hazards Arising from the Chemical**
None Determined.

**Protective Equipment and Precautions for Firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures**
Use personal protective equipment as required. The wet, contaminated surface may be slippery.

**For Emergency Responders**
Restrict access to spill area. Ventilate the area.

**Environmental Precautions**
Prevent entry into waterways, sewers, basements or confined areas.

**Methods and Material for Containment and Cleaning Up**
Prevent further leakage or spillage if safe to do so.

**Methods for Containment**
Absorb with inert material. Shovel or sweep spills.

**Methods for Cleaning Up**
Flush remainder with plenty of water.

7. HANDLING AND STORAGE

**Precautions for Safe Handling**
Handle in accordance with good industrial hygiene and safety practices.
Do not handle until all safety precautions have been read and understood.
Do not eat, drink or smoke when using this product.
Wash thoroughly after handling.
Do not breathe dust/fumes/gas/mist/vapors/spray.
Keep out of reach of children and pets.

**Conditions for Safe Storage, Including any Incompatibilities**
Store in a closed container in a cool, dry, well-ventilated place away from incompatible materials.

**Storage Conditions**

**Incompatible Materials**
8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morpholine 110-91-8</td>
<td>TWA: 20 ppm</td>
<td>TWA: 20 ppm&lt;br&gt;TWA: 70 mg/m³&lt;br&gt;TWA: 20 ppm (Vacated)&lt;br&gt;TWA: 70 mg/m³ (Vacated)&lt;br&gt;STEL: 30 ppm (Vacated)&lt;br&gt;STEL: 105 mg/m³ (Vacated)</td>
<td>IDLH: 1400 ppm&lt;br&gt;TWA: 20 ppm&lt;br&gt;TWA: 70 mg/m³&lt;br&gt;STEL: 30 ppm&lt;br&gt;STEL: 105 mg/m³</td>
</tr>
</tbody>
</table>

Exposure Guidelines

**Appropriate Engineering Controls**

**Individual Protection Measures, such as Personal Protective Equipment**

- **Eye/face Protection**
  - Wear goggles, chemical safety glasses or a face protection shield.

- **Skin and Body Protection**
  - Wear resistant, non-latex and impermeable gloves.

- **Respiratory Protection**
  - Under normal conditions a respirator is not normally required. A mask or respirator may be used if vapor concentration is high.

- **General Hygiene Considerations**
  - Handle in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
<th>Appearance</th>
<th>Green Clear Liquid</th>
<th>Color</th>
<th>Odor</th>
<th>Mint</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Property</strong></td>
<td><strong>Values</strong></td>
<td><strong>Property</strong></td>
<td><strong>Values</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>8.5 - 9.5 (77°F/25°C)</td>
<td>Specific Gravity</td>
<td>1.04 (60°F/15.5°C)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting Point / Freezing Point</td>
<td>&lt; 32°F / &lt; 0°C</td>
<td>Water Solubility</td>
<td>Completely Soluble.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boiling Point / Boiling Range</td>
<td>212°F / 100°C</td>
<td>Partition Coefficient</td>
<td>Not Determined.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not Determined.</td>
<td>Autoignition Temperature</td>
<td>Not Determined.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>&lt; 1</td>
<td>Decomposition Temperature</td>
<td>Not Determined.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid/Gas)</td>
<td>N/A-Liquid.</td>
<td>Kinematic Viscosity</td>
<td>Not Determined.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability Limits In Air</td>
<td>Not Determined.</td>
<td>Dynamic Viscosity</td>
<td>Not Determined.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not Determined.</td>
<td>Explosive Properties</td>
<td>Not Explosive.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>&gt; 1</td>
<td>Oxidizing Properties</td>
<td>Not Determined.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

- **Reactivity**
  - Not reactive under normal conditions.

- **Chemical Stability**
  - Stable under recommended storage conditions.

- **Possibility of Hazardous Reactions**
  - None under normal processing.

- **Hazardous Polymerization**
  - Hazardous polymerization will not occur.

- **Conditions to Avoid**
  - None under normal processing.

- **Incompatible Materials**

- **Hazardous Decomposition Products**
  - None known.
11. TOXICOLOGICAL INFORMATION

Routes of Exposure
Eye Contact. Skin Contact. Inhalation. Ingestion.

Information on Likely Routes of Exposure

Ingestion
Do not taste or swallow.

Inhalation
May cause irritation, coughing, nausea and headache.

Skin Contact
Frequent or prolonged contact may cause irritation.

Eye Contact
Short term contact will cause irritation. Prolonged contact may cause irreversible damage.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD$_{50}$</th>
<th>Dermal LD$_{50}$</th>
<th>Inhalation LC$_{50}$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morpholine 110-91-8</td>
<td>1900 mg/kg (Rat)</td>
<td>500 mg/kg (Rabbit)</td>
<td>8 g/m$^3$ (Rat)</td>
</tr>
<tr>
<td>Polyethylene Glycol Nonylphenyl Ether 9016-45-9</td>
<td>3980 mg/kg (Rat)</td>
<td>2000 mg/kg (Rabbit)</td>
<td>1.15 mg/L (Rat)</td>
</tr>
</tbody>
</table>

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity
The product as a whole has not been tested.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morpholine 110-91-8</td>
<td>A4</td>
<td>Group 3</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

ACGIH (The American Conference of Governmental Industrial Hygienists)
A4 - Not Classifiable as a Human Carcinogen.

IARC (International Agency for Research on Cancer)
Group 3 - Not Carcinogenic to Humans.

Numerical Measures of Toxicity
Not Determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morpholine 110-91-8</td>
<td>Known Toxin</td>
<td>Known Toxin</td>
<td>Known Toxin</td>
<td>Known Toxin</td>
</tr>
<tr>
<td>Polyethylene Glycol Nonylphenyl Ether 9016-45-9</td>
<td>Known Toxin</td>
<td>Known Toxin</td>
<td>No Information</td>
<td>Known Toxin</td>
</tr>
</tbody>
</table>

Persistence and Degradability
Not Determined.

Bioaccumulation
Not Determined.

Mobility

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition Coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morpholine 110-91-8</td>
<td>-2.55</td>
</tr>
</tbody>
</table>

Other Adverse Effects
Not Determined.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes
Dispose according to all local, state and federal regulations.

Contaminated Packaging
Dispose according to all local, state and federal regulations.
14. TRANSPORT INFORMATION

**Note**
Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

<table>
<thead>
<tr>
<th>Code</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>Not Regulated.</td>
</tr>
<tr>
<td>IATA</td>
<td>Not Regulated.</td>
</tr>
<tr>
<td>IMDG</td>
<td>Not Regulated.</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

**International Inventories**
Not Determined.

**Legend:**
- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances

**US Federal Regulations**

**SARA 302**
This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III. Section 302.

**SARA 311/312 Hazard Categories**
Acute Health Hazard, Chronic Health Hazard, Fire Hazard.

**SARA 313**
This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III. Section 313.

**US State Regulations**

**California Proposition 65**
This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morpholine</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>110-91-8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyethylene Glycol</td>
<td>X</td>
<td>N/A</td>
<td>X</td>
</tr>
<tr>
<td>Nonylphenyl Ether</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9016-45-9</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

**NFPA**

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1</td>
<td>0</td>
<td>Not Determined.</td>
</tr>
</tbody>
</table>

**HMIS**

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
</table>

**Issue Date**
March 2017.

**Revision Date**
February 2020.

**Revision Note**
This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

End of Safety Data Sheet