1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: Good Vibrations™
Other Means of Identification:
SDS #: GVUS/SDS/I03
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>Health Hazards</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: Danger.
Health Hazards: None.
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.
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.
Absorb with inert material. Shovel or sweep spills. 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**

---

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.
8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Guidelines

<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</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 70 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 20 ppm (Vacated)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 70 mg/m³ (Vacated)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 30 ppm (Vacated)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 105 mg/m³ (Vacated)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>IDLH: 1400 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 20 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 70 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 30 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 105 mg/m³</td>
<td></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
Chemical 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

Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
<th>Appearance</th>
<th>Color</th>
<th>Odor</th>
<th>Mint</th>
</tr>
</thead>
<tbody>
<tr>
<td>Property</td>
<td>Values</td>
<td>Specific Gravity</td>
<td>Water Solubility</td>
<td>Partition Coefficient</td>
<td>Autoignition Temperature</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**

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

**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

**DOT**
Not Regulated.

**IATA**
Not Regulated.

**IMDG**
Not Regulated.

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 Nonylphenyl Ether</td>
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<td>9016-45-9</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

**NFPA**

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

**Issue Date**
May 2014

**Revision Date**
March 2017

**Revision Note**
New format.

**Disclaimer**
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