Medical Chemical Corp.
19430 Van Ness Ave.
Torrance, CA 90501
Customer Service: Phone (310)787-6800, (800)424-9394
FAX (310)787-4464
CHEMTREC Emergency Response Telephone Number: (800)424-9300
Note: The CHEMTREC phone number is only for emergencies involving spills, leaks, fire, exposure or accident. Please direct all other inquiries to our customer service phone number.

Section 1 - Product Identification
An aqueous solution of o-phthalaldehyde.

Section II - Hazards Identification
Warning: Causes skin and eye irritation. Wash thoroughly after handling. Wear protective clothing, eye and face protection. If swallowed, rinse mouth and immediately contact a poison control center. Remove contaminated clothing and wash before reuse. Rinse skin with water. Rinse eyes cautiously with water for several minutes. Remove contact lenses if present and continue rinsing.

Safety Ratings
Health: Slight  Flammability: None  Reactivity: None  Contact: Slight
Recommended safety equipment: safety goggles, lab coat and proper gloves
Storage: General storage
NFPA Ratings
Health = 1  Flammability = 0  Reactivity = 0

Potential Health Effects
The toxicology of this compound has not been completely examined. It is presumed that the toxicity of this item is similar to other aldehydes.
Inhalation: May be irritating.
Ingestion: While the toxicity of this compound is low, large doses may cause nausea, vomiting, diarrhea, etc.
Skin contact: Not normally a problem but may cause irritation and blackening of the skin.
Eye contact: May be irritating.
Chronic Exposure: Unknown.
Aggravation of preexisting conditions: Unknown.

Section III - Composition/Information on Components

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS#</th>
<th>OSHA Pel</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
<th>%</th>
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</thead>
<tbody>
<tr>
<td>o-phthalaldehyde</td>
<td>643-79-8</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>&lt;1% w/v</td>
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</table>

Section IV - First Aid Measures
Inhalation: Unlikely to be a problem. Remove from source of exposure and get medical attention for any breathing difficulty.
Ingestion: If the victim is conscious, induce vomiting. Never give anything by mouth to an unconscious person.
Skin Contact: Wash affected area with soap and water. Get medical advice if irritation develops.
Eye Contact: Rinse thoroughly with running water. Get medical advice if irritation develops.
Section V - Fire Fighting Measures

Flash point: Not applicable.
Flammable Limits: Not applicable.
Fire: Not normally a fire hazard.
Explosion: Not normally an explosion hazard.
Fire Extinguishing Media: Any means suitable for surrounding fire.
Special information: Pyrolysis will release corrosive oxides.

Section VI - Accidental Release Measures

Absorb with a suitable absorbent (such as paper towels) and dispose.

Section VII - Handling and Storage

Store in a closed container, protected from freezing.

Section VIII - Exposure Control/Personal Protection

Airborne Exposure Limits: See section III.
Ventilation System: Usually not required. When required, Refer to the ACGIH document, “Industrial Ventilation, a Manual of Recommended Practices” for details about ventilation.
Personal Respirator: Usually not required. In case of emergency, or when exposure levels are unknown, use a positive pressure, full face piece, air supplied respirator.
Skin protection: Protective gloves are not required but recommended as part of good laboratory practice.
Eye Protection: Laboratory safety goggles or similar products are not required but recommended as part of good laboratory practice.

Section IX - Physical and Chemical Properties

Boiling Point: 100 °C
Vapor pressure (mm Hg): 18 @ 20 °C
Vapor Density (air = 1): 0.6
Appearance and Odor: A clear, yellow liquid. Characteristic odor.
Density: 1.01 g/ml
Evaporation Rate (water = 1): 1
Solubility: Infinitely miscible with water

Section X - Stability and Reactivity

Stability: Freezes at low temperature.
Hazardous Decomposition Products: Nothing unusual.
Hazardous polymerization: Will not occur.
Incompatibilities: Nothing unusual.
Conditions to avoid: Excessive cold/heat and light.

Section XI - Toxicological Information

None relating to normal exposure.
Cancer lists

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Known Carcinogenicity?</th>
<th>Anticipated?</th>
<th>IARC Category</th>
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<tbody>
<tr>
<td>o-phthalaldehyde</td>
<td>No</td>
<td>No</td>
<td>None</td>
</tr>
</tbody>
</table>

Section XII - Ecological Information

Environmental Fate: Biodegradable.
Environmental Toxicity: None.
Section XIII - Disposal
Waste disposal is usually not restricted but local ordinances vary. Insure compliance with all government regulations.

Section XIV - Transportation Information
Not regulated.

Section XV - Regulatory Information

Chemical Inventory Status

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>TSCA</th>
<th>EC</th>
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<tbody>
<tr>
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Federal, State and International Regulations

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<tr>
<th>Ingredient</th>
<th>SARA 302</th>
<th>SARA 313</th>
<th>RCRA</th>
<th>TSCA</th>
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<td>o-phthalaldehyde</td>
<td>RQ No</td>
<td>TPQ No</td>
<td>261.33 No</td>
<td>8(D) No</td>
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<td>Chemical Weapons Convention</td>
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<td>TSCA 12(b): No</td>
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<tr>
<td>SARA 311/312: Acute</td>
<td>No</td>
<td>Chronic: No</td>
<td>Fire: No</td>
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<tr>
<td></td>
<td></td>
<td>No</td>
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</tbody>
</table>

Section XVI - Other Information
This information is believed to be correct but is not waranteeed as such, nor does it purport to be all inclusive.
Revision Date: Feb. 26, 2018