

\*\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*\*

# Phenyl Acetaldehyde Dimethyl Acetal

## Section 1 - Chemical Product and Company Identification

**MSDS Name** Phenyl Acetaldehyde dimethyl acetal

**Synonyms** Alpha-tolyl aldehyde dimethyl acetal; viridine.

**Company Identification**

**Aquila Organics Pvt.  
Ltd.**

Sunrise business park  
Plot no. B 68, road no. 16,  
Wagale estate , THANE 400604  
Thane- West.  
Landline:- 25828809 / 25830213

E-Mail-

[sunil@aquilaorganics.com](mailto:sunil@aquilaorganics.com)

[sales@aquilaorganics.com](mailto:sales@aquilaorganics.com)

## Section 2 - Composition, Information on Ingredients

| CAS#     | Chemical Name                      | %      | EINECS#   |  |
|----------|------------------------------------|--------|-----------|--|
| 101-48-4 | Phenylacetaldehyde dimethyl acetal | 98 min | 202-945-6 |  |
|          |                                    |        |           |  |

Hazard Symbols: Not Hazardous

Risk Phrases: None

## Section 3 - Hazards Identification

**Eye** May Cause Irritation

**Skin** May Cause Irritation

**Ingestion** NA

**Inhalation** NA

**Chronic** None known.

## Section 4 - First aid Measures

**Eyes:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes

**Skin:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes

**Ingestion:** Do not induce vomiting Never give anything by mouth to an unconscious person Drink plenty of water If possible drink milk afterwards

**Inhalation:** Remove from exposure, lie down Move to fresh air.

**Notes to Physician:** Treat symptomatically

### Section 5 - Fire Fighting Measures

**General Information :** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Extinguishing Media** No information available.

### Section 6 - Accidental Release Measures

**General Information** Ensure adequate ventilation

**Spills/Leaks:** Prevent further leakage or spillage if safe to do so.

### Section 7 - Handling and Storage

**Handling** Avoid contact with skin and eyes Avoid contact with clothing Remove and wash contaminated clothing before re-use Avoid breathing vapors or mists Do not ingest Wash thoroughly after handling

**Storage** Keep in a dry, cool and well-ventilated place Keep container tightly closed

### Section 8 - Exposure Controls, Personal Protection

**Engineering Controls** Ensure adequate ventilation, especially in confined areas Ventilation systems.

#### PERSONAL PROTECTIVE EQUIPMENT

**Eyes** Safety glasses with side-shields Goggles

**Skin** Handle in accordance with good industrial hygiene and safety practice

**Clothing** Long Sleeved.

**Respirators** Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions

### Section 9 - Physical and Chemical Properties

**Physical State** LIQUID

**Appearance** Colorless to tinch pale yellow liquid

**Odor** GREEN, FLORAL, POWERFUL, EARTHY

|                                  |  |
|----------------------------------|--|
| <b>pH</b>                        | NA                                       |
| <b>Vapor Pressure</b>            | NA                                       |
| <b>Viscosity</b>                 | NA                                       |
| <b>Boiling Point</b>             | 219 - 221°C / 426.2 - 429.8°F @ 754 mmHg |
| <b>Freezing/Melting Point</b>    | NO information available                 |
| <b>Auto ignition Temperature</b> | NO information available                 |
| <b>Flash Point</b>               | 192.00 °F.                               |
| <b>Explosion Limits, lower</b>   | No information available                 |
| <b>Explosion Limits, upper</b>   | No information available                 |
| <b>Decomposition Temperature</b> | No information available                 |
| <b>Solubility in water</b>       | Insoluble                                |
| <b>Specific Gravity.</b>         | 0.993-1.013g/ml                          |
| <b>Molecular Formula</b>         | C10 H14 O2                               |
| <b>Molecular Weight</b>          | 166.22                                   |

### Section 10 - Stability and Reactivity

|   |   |
|---|---|
| <b>Chemical Stability</b>                     | Stable under normal conditions  |
| <b>Conditions to Avoid</b>                    | Incompatible products, Exposure to moisture   |
| <b>Incompatibilities with Other Materials</b> | Oxidizing agents, Acids, Strong oxidizing agents  |
| <b>Hazardous Decomposition Products</b>       | Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide (CO). Carbon dioxide (CO2). |
| <b>Hazardous Polymerization</b>               | No information available.   |

### Section 11 - Toxicological Information

**RTECS#**

**LD50/LC50** 3500 µL/kg ( Rat ) 2 mL/kg ( Rabbit )(inhalation).

**Carcinogen city** There are no known carcinogenic chemicals in this product

### Section 12 - Ecological Information

**Other** . Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants

### Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

### Section 14 - Transport Information

|                       | IATA          | IMO           | RID/ADR       |
|-----------------------|---------------|---------------|---------------|
| <b>Shipping Name:</b> | NOT REGULATED | NOT REGULATED | NOT REGULATED |
| <b>Hazard Class:</b>  |               |               |               |
| <b>UN Number:</b>     |               |               |               |
| <b>Packing Group:</b> |               |               |               |

### Section 15 - Regulatory Information

European/International Regulations  
European Labeling in Accordance with EC Directives  
Hazard Symbols: Not Hazardous.  
Risk Phrases: No information available.  
Safety Phrases: No information available.  
TSCA.

### Section 16 - Additional Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.