**Section 1: Company and Product Identification**

**Product Name:** PHENYLACETALDEHYDE  
**Company:** THE JOHN D. WALSH CO., INC.  
25 EXECUTIVE PKWY.  
RINGWOOD, NJ 07456

**Emergency 24 HOUR EMERGENCY NUMBER  
Response:** CHEMTREC (800) 424-9300

**Section 2: Hazards Identification**

**Signal Word:** Danger  
**Hazard Category:** Flammable Liq Cat 4  
Acute tox, oral Cat 4  
Skin corrosion/irritation Cat 1  
Sensitization, skin Cat 1

**Hazard Statements:**  
H227: Combustible liquid  
H302: Harmful if swallowed  
H314: Causes severe skin burns and eye damage  
H317: May cause an allergic skin reaction

**Precautionary Statements:**  
P210: Keep away from heat(sparks/open flames/hot surfaces – No smoking  
P264: Wash thoroughly after handling  
P270: Do not eat, drink or smoke when using this product  
P272: Contaminated work clothing should not be allowed out of the workplace  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
P330: Rinse mouth  
P333+313: If skin irritation or a rash occurs: Get medical advice/attention  
P363: Wash contaminated clothing before reuse  
P370+378: In case of fire: Use appropriate media to extinguish  
P403+235: Store in a well ventilated place. Keep cool  
P405: Store locked up  
P501: Dispose of in a safe manner in accordance with local/national regulations

**Section 3: Composition / Information on Ingredients**

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>BENZENEACETALDEHYDE</td>
<td>122-78-1</td>
<td>100</td>
</tr>
</tbody>
</table>
Section 4: First Aid Measures

If ingested: Rinse mouth. Seek immediate medical attention. DO NOT: Induce vomiting. DO NOT: give milk or alcoholic beverages.

If inhaled: Remove to fresh air. Obtain medical attention if asthma-like symptoms or other symptoms develop.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation develops or persists. Small amounts splashed into eyes can cause irreversible tissue damage and blindness.

Skin contact: Take off immediately all contaminated clothing. Rinse with water thoroughly. Get medical advice if irritation develops or persists.

Additional Info: Observe for any symptoms for several hours after exposure. Follow up with medical attention if symptoms develop.

Section 5: Fire Fighting Measures

Extinguishing Carbon dioxide (CO2). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment.

Hazardous Constituents associated with burning / combustion are to be considered toxic.

Decomposition Info:

Section 6: Accidental Release Measures

Personal precautions, protective equipment and procedures: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing vapors. Ventilate area if easy to do so. Contact local authorities if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Containment Large Spills: Contain actively spilling material if safe and easy to do so. Dike the spilled material, where this is possible. Utilize absorbent clay or sand to contain and stop spreading material.

Equipment and Procedures: Small Spills: Utilize absorbent clay or sand and transfer to waste receptacles. Never store in extreme temperatures and avoid storing in direct sunlight.

Cleanup Procedures: Collect all contaminated clay, media, or other cleanup materials into a waste receptacle. If cleaning surface is necessary, utilize mineral spirits or other solvents, provided adequate ventilation is available.

Section 7: Handling and Storage

Safe Handling Precautions: Do not handle until all safety precautions have been read and understood. Do not handle near an open flame or sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment.

Recommendations for Storage: Store in cool area in product container away from sources of ignition or flame.

Incompatibilities: Store away from strong acids or oxidizing agents. Refer to Section 10.

Section 8: Exposure Control / Personal Protection
General / Local exhaust ventilation should be utilized to control vapors / substances below exposure limits. Eye wash facilities must be available when handling this product.

Work Clothing: Protective work clothing which covers skin and prevents exposures.

Eye/face protection: Wear safety goggles or face shield.

Skin Protection: Wear solvent resistant gloves.

Respiratory Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if ventilation is inadequate.

Additional: Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash hands or Information: exposed skin after using the product.

Section 9: Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>State:</td>
<td>Liquid</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>Not avail</td>
</tr>
<tr>
<td>Freezing Point:</td>
<td>Not avail</td>
</tr>
<tr>
<td>Color:</td>
<td>Colorless to pale yellow</td>
</tr>
<tr>
<td>Boiling Point/Range:</td>
<td>187-188°C</td>
</tr>
<tr>
<td>pH:</td>
<td>Not avail</td>
</tr>
<tr>
<td>Relative Density:</td>
<td>1.0260-1.0360</td>
</tr>
<tr>
<td>Odor:</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Solubility:</td>
<td>17.7-18.3 g/l immiscible</td>
</tr>
<tr>
<td>Molecular Weight:</td>
<td>120.16 g/mol</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>83°C</td>
</tr>
<tr>
<td>Part. Coeff (n-octanol/water log Pow):</td>
<td>1.44 (25°C)</td>
</tr>
<tr>
<td>Upper Flam Limits:</td>
<td>Not avail</td>
</tr>
<tr>
<td>Lower Flam Limits:</td>
<td>Not avail</td>
</tr>
<tr>
<td>VOC Content (lbs/gal):</td>
<td>Not avail</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>Not avail</td>
</tr>
<tr>
<td>Autoignition Temp:</td>
<td>Not avail</td>
</tr>
</tbody>
</table>

Section 10: Stability and Reactivity

General: This product is stable and non-reactive under normal conditions of use. Solvent vapors will evaporate from exposed material. Product is not subject to hazardous polymerization. Avoid open flame and ignition sources.

Incompatible: None known.

Decomposition: No decomposition products known. Toxic substances may be released in the event of a fire.

Section 11: Toxicological Information

Toxicological Information (contained substances)

<table>
<thead>
<tr>
<th>Substance (name)</th>
<th>LD50 Oral (Rat)</th>
<th>LD50 Dermal</th>
</tr>
</thead>
<tbody>
<tr>
<td>BENZENEACETALDEHYDE</td>
<td>1,550 mg/kg</td>
<td>NA</td>
</tr>
</tbody>
</table>

Carcinogenicity or mutagenicity: Not listed

Sensitization: No data available

Section 12: Ecological Information
**Degradation / Mobility info:** No specific data available. Contained solvents are expected to degrade rapidly in the environment.

**Bioaccumulative potential:** No specific data available. Contained solvents are expected to degrade rapidly in the environment.

**Section 13: Disposal Information**

**Product disposal:** Dispose of product in accordance with local, regional, and national regulations. Consult with waste contractor. Contains low levels of flammable solvents.

**Container disposal:** Treat empty containers with extra care, as residual solvents may pose ignition hazard. Consult waste contractor.

**Section 14: Transport Information**

**DOT GROUND NON BULK:** UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (PHENYLACETALDEHYDE), 8, III

**IMO/IMDG:** UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (PHENYLACETALDEHYDE), 8, III

**IATA:** UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (PHENYLACETALDEHYDE), 8, III

**Section 15: Regulatory Information**

**TSCA:** YES LISTED

**CERCLA RQ:** NOT LISTED

**SARA 311/312:** YES LISTED

**SARA 313 NOT LISTED**

**California Prop 65** NOT LISTED

**Substances:**

**Section 16: Other Information**

**Version Date:** 12/28/2016

**Disclaimer:** The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or expense resulting from improper use of this product.