

**Safety Data Sheet**  
29 CFR 1910.1200

**Section 1: Company and Product Identification****Product Name:** PHENYL ACETALDEHYDE DIMETHYL ACETAL

**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**

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**Hazard Pictograms:****Signal Word:** Warning

**Hazard Category:** Flammable Liq Cat 4  
Acute tox, oral Cat 5  
Acute tox, dermal Cat 5  
Skin corrosion/irritation Cat 3  
Serious eye damage/eye irritation Cat 2

**Hazard Statements:** H227: Combustible liquid  
H303: May be harmful if swallowed  
H313: May be harmful in contact with skin  
H316: Causes mild skin irritation  
H319: Causes serious eye irritation

**Precautionary Statements:** P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P264: Wash thoroughly after handling  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
P312: Call a POISON CENTER or doctor/physician if you feel unwell  
P332+313: If skin irritation occurs: Get medical advice/attention  
P337+313: If eye irritation persists get medical advice/attention  
P370+378: In case of fire: Use appropriate media to extinguish  
P403+235: Store in a well ventilated place. Keep cool  
P501 Dispose of om a safe manner in accordance with local/national regulations

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

SUBSTANCE	CAS#	Weight %
PHENYL ACETALDEHYDE DIMETHYL ACETAL	101-48-4	100

**Section 4: First Aid Measures**

**If ingested:** Rinse mouth. Call a physician or poison control center immediately. Do not induce vomiting. If vomiting occurs the head should be kept low so that the stomach vomit doesn't enter the lungs.

**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.

**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**

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**Extinguishing Method / Equipment:** Carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol resistant foam, water spray, or fog. Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. DO NOT USE: A solid stream of water as it may scatter and spread the fire.

**Hazardous Decomposition Info:** Constituents associated with burning / combustion are to be considered toxic.

## **Section 6: Accidental Release Measures**

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**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 Equipment and Procedures:** 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.

Small Spills: Utilize absorbent clay or sand and transfer to waste receptacles.

**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**

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**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**

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**General** / Local exhaust ventilation should be utilized to control vapors / substances below exposure limits.

**Engineering** Eye wash facilities must be available when handling this product.

**Controls:**

**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

**Protection:** ventilation is inadequate.

**Additional** Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash

**Information:** hands or exposed skin after using the product.

### Section 9: Physical and Chemical Properties

<b>State:</b> Liquid	<b>Melting Point:</b> Not avail	<b>Freezing Point:</b> Not avail
<b>Color:</b> Refer to refer to spec sheet	<b>Boiling Point/Range:</b> 428F(220C)	<b>pH:</b> Not avail
<b>Sp Grav:</b> 1 at 25C	<b>Odor:</b> Charactersitic	<b>Water Solubility:</b> Insoluble
<b>Evaporation rate:</b> Not avail	<b>Flash Point:</b> 183F(83.9) Closed Cup	<b>Part. Coeff (n-octanol/water):</b> Not avail
<b>Upper Flam Limits:</b> Not avail	<b>Lower Flam Limits:</b> Not avail	<b>Vapor Pressure:</b> 0.56 mm Hg at 25 C
<b>VOC Content (lbs/gal):</b> Not avail	<b>Viscosity:</b> Not avail	<b>Autoignition Temp:</b> Not avail

### 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 materials:** Strong oxidizing agents.

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

### Section 11: Toxicological Information

#### Toxicological Information (contained substances)

Substance (name)	LD50 Oral	LD50 Dermal
PHENYLACETALDEHYDE DIMETHYL ACETAL	>2500mg/kg (Rat)	>2000mg/kg (Rabbit)

**Carcinogenicity or mutagenicity:** Not classified.

**Sensitization:** May be harmful if contact with skin occurs. Causes serous eye irritation. May be harmful if swallowed.

**Other Notes:** Symptoms may include: stinging, tearing redness, swelling, and blurred vision. Mild skin irritation

## Section 12: Ecological Information

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

**Bioaccumulative potential:** No data available

**Ecotoxicity:** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have harmful or damaging effects on the environment.

## Section 13: Disposal Information

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**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:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## Section 14: Transport Information

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**DOT/ NON BULK** NOT REGULATED

**IMO/IMDG:** NOT REGULATED

**IATA:** NOT REGULATED

## Section 15: Regulatory Information

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**TSCA:** YES LISTED

**CERCLA RQ:** NOT LISTED

**SARA 311/312:** YES LISTED

**SARA 313** NOT LISTED

**California Prop 65** NOT LISTED  
**Substances:**

**Canadian DSL:** YES LISTED

**WHMIS:** H: 2, F: 2, PH: 0

## Section 16: Other Information

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**Version Date:** 4/13/2016

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