

Safety Data Sheet
29 CFR 1910.1200

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

GHS05

GHS07

BLANK

BLANK

Hazard Pictograms:**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 om a safe manner in accordance with local/national regulations

Section 3: Composition / Information on Ingredients

SUBSTANCE	CAS #	Weight %
BENZENEACETALDEHYDE	122-78-1	100

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 **Method / Equipment:** protective equipment.

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

Section 6: Accidental Release Measures

Personal precautions, Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition **protective equipment** sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate **and procedures:** 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 **Equipment and** this is possible. Utilize absorbent clay or sand to contain and stop spreading material.

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 Do not handle until all safety precautions have been read and understood. Do not handle near an open **Precautions:** 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 Store in cool area in product container away from sources of ignition or flame.
for Storage:

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 **Engineering** 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 Protection: Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if ventilation is inadequate.

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

Section 9: Physical and Chemical Properties

State: Liquid	Melting Point: Not avail	Freezing Point: Not avail
Color: Colorless to pale yellow	Boiling Point/Range: 187-188°C	pH: Not avail
Relative Density: 1.0260-1.0360	Odor: Characteristic	Solubility: 17.7-18.3 g/l immiscible
Molecular Weight: 120.16 g/mol	Flash Point: 83°C	Part. Coeff (n-octanol/water): log Pow : 1.44 (25°C)
Upper Flam Limits: Not avail	Lower Flam Limits: Not avail	Vapor Pressure: 2.670 HpA (25°C) / 2.002 mmHg (25°C)
VOC Content (lbs/gal): Not avail	Viscosity: Not avail	Autoignition Temp: 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: None known.

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
BENZENEACETALDEHYDE	1,550 mg/kg (Rat)	NA

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