

**Safety Data Sheet**  
**29 CFR 1910.1200****Section 1: Company and Product Identification**

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**Product Name:** DIPHENYL OXIDE**Company:** THE JOHN D. WALSH CO., INC.  
25 EXECUTIVE PKWY.  
RINGWOOD, NJ 07456**Emergency Response:** 24 HOUR EMERGENCY NUMBER  
CHEMTREC (800) 424-9300**Section 2: Hazards Identification**

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GHS07

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**Hazard Pictograms:****Signal Word:** Warning**Hazard Category:** Serious eye damage/eye irritation Cat 2  
Hazard to aquatic environment, acute Cat 1  
Hazard to aquatic environment, chronic Cat 2**Hazard Statements:** H319: Causes serious eye irritation  
H400: Very toxic to aquatic life  
H411: Toxic to aquatic life with long lasting effects**Precautionary Statements:** P264: Wash thoroughly after handling  
P273: Avoid release to the environment  
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  
P337+313: If eye irritation persists get medical advice/attention  
P391: Collect spillage  
P501 Dispose of in a safe manner in accordance with local/national regulations**Section 3: Composition / Information on Ingredients**

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SUBSTANCE	CAS#	Weight %
DIPHENYL OXIDE	101-84-8	100

**Section 4: First Aid Measures**

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**If ingested:** NEVER: Give anything by mouth to an unconscious person. Rinse mouth with water. Seek immediate medical attention.**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** Carbon dioxide (CO<sub>2</sub>), dry chemical, foam. Firefighters should wear self-contained breathing Method / Equipment: apparatus (SCBA) and full protective equipment.

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

## Section 6: Accidental Release Measures

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**Personal precautions,** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all **protective equipment** ignition 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, **Equipment and** where 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.

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

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

## Section 8: Exposure Control / Personal Protection

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**General / Engineering** Local exhaust ventilation should be utilized to control vapors / substances below exposure limits. Eye **Controls:** 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  
**Protection:** ventilation is inadequate.

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

## Section 9: Physical and Chemical Properties

<b>State:</b> Liquid	<b>Melting Point:</b> 28C	<b>Freezing Point:</b> Not avail
<b>Color:</b> Colorless	<b>Boiling Point/Range:</b> 257C	<b>pH</b> Not avail
<b>Sp Grav:</b> 1.07	<b>Odor:</b> Floral	<b>Water Solubility:</b> Insoluble
<b>Evaporation rate:</b> Not avail	<b>Flash Point:</b> 116C	<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> 0.5hPa
<b>VOC Content (lbs/gal):</b> Not avail	<b>Viscosity:</b> Not avail	<b>Autoignition Temp:</b> 618C

## 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
DIPHENYL OXIDE	3370mg/kg (Rat)	4000mg/kg (Rat)

**Carcinogenicity or mutagenicity:** NOT LISTED

**Sensitization:** NOT AVAILABLE

**Other Notes:** Not applicable.

## 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

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**DOT GROUND NON NOT REGULATED**

**BULK:**

**IMO/IMDG:** UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS (DIPHENYL OXIDE) 9, PGIII MARINE POLLUTANT

**IATA:** UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS (DIPHENYL OXIDE) 9, III

#### Section 15: Regulatory Information

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**TSCA:** NOT LISTED

**CERCLA RQ:** NOT LISTED

**SARA 313** NOT LISTED

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

**Canadian DSL:** YES LISTED

**WHMIS:** H-1, F-1, R-0

#### Section 16: Other Information

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**Version Date:** 5/1/2020

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