

Safety Data Sheet
29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: DIBENZYL ETHER

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

GHS09

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Hazard Pictograms:**Signal Word:**

Warning

Hazard Category:

Acute tox, oral Cat 5
Skin corrosion/irritation Cat 2
Serious eye damage/eye irritation Cat 3
Sensitization, skin Cat 1
Specific target organ tox, single exp. Cat 1
Hazard to aquatic environment, chronic Cat 1

Hazard Statements:

H303: May be harmful if swallowed
H315: Causes skin irritation
H320: Causes eye irritation
H317: May cause an allergic skin reaction
H319: Causes serious eye irritation
H335: May cause respiratory irritation
H400: Very toxic to aquatic life
H410: Very toxic to aquatic life with long lasting effects

Precautionary Statements:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray
P264: Wash thoroughly after handling
P271: Use only outdoors or in a well-ventilated area
P272: Contaminated work clothing should not be allowed out of the workplace
P273: Avoid release to the environment
P280: Wear protective gloves/protective clothing/eye protection/face protection
P302+352: IF ON SKIN: Wash with soap and water
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact
P312: Call a POISON CENTER or doctor/physician if you feel unwell
P333+313: If skin irritation or a rash occurs: Get medical advice/attention
P337+313: If eye irritation persists get medical advice/attention
P362: Take off contaminated clothing and wash before reuse
P391: Collect spillage
P403+233: Store in a well ventilated place. Keep container tightly closed
P405: Store locked up
P501: Dispose of contents/container in accordance with local/national/international rules.

Hazards not otherwise classified:

Not applicable, none known.

Section 3: Composition / Information on Ingredients

Substance (name)	CAS #	Weight %
DIBENZYL ETHER	103-50-4	100

Section 4: First Aid Measures

General Info: ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL INVOLVED, AND TAKE PRECAUTIONS TO PROTECT THEMSELVES. SHOW SDS TO DOCTOR IN ATTENDANCE

Notable Exposure symptoms: DERMATITIS, RASH, SEVERE EYE IRRITATION, SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION. MAY CAUSE AN ALLERGIC SKIN REACTION

If ingested: Rinse mouth. Seek immediate medical attention. Do not induce vomiting. If vomiting occurs, the head should be kept low so that the vomit doesn't enter the lungs

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

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

General Info: Product contains flammable solvents. Direct water spray may spread fire. Isolate any uncompromised product from area if possible. Do not breath fumes.

Extinguishing Method / Equipment: Water spray, fog, Carbon dioxide (CO₂), dry chemical, alcohol resistant foam. Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. DO NOT USE: A heavy stream of water as this may spread the fire.

Hazardous Decomposition Info: Fire may produce irritating, corrosive and/or toxic gases

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 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

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.

Storage:

Section 8: Exposure Control / Personal Protection

General / Engineering: Local exhaust ventilation should be utilized to control vapors / substances below exposure limits. 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 Protection: chemical respirator with organic vapor cartridge and full face plate

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: 38.48F	Freezing Point: Not avail
Color: Refer to spec sheet	Boiling point: 563F	Vapor Density: 6.9
Sp Grav: 1.04 @ 25C	Odor: Characteristic	Water Solubility: Insoluble
Dynamic Viscosity: 8.72 mPa.s	Flash Point: >200.0F	Part. Coeff (n octanol/water): 3.3
Flammability Class: IIIB	Molecular Weight: 198.25 g/mol	Vapor Pressure: .02 mm Hg at 25C
Density: 1.00 g/cm3	Molecular Formula: C14H14O	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: Strong oxidizing agents, avoid temperatures exceeding flash point.

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

Section 11: Toxicological Information

Likely Routes of Exposure: Inhalation of vapors, dermal

Toxicological Information (contained substances)

Substance	LD50 Oral	LD50 Dermal
DIBENZYL ETHER	2500mg/kg (Rat)	>5000 mg/kg (Rabbit)

Carcinogenicity or mutagenicity: Not Listed

Sensitization: May cause an allergic skin reaction

Other Notes: Not a respiratory sensitizer

Section 12: Ecological Information

Aquatic toxicity: Toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected

Degradation / Mobility info: No specific data available.

Bioaccumulative potential: No specific data available.

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 NOT REGULATED

BULK:

IMO/MDG: 3082,ENVIRONMENTALLY HAZARDOUS SUBSTANCE,LIQUID, N.O.S.(DIBENZYL ETHER), 9, III, YES
MARINE POLLUTANT

IATA: 3082,ENVIRONMENTALLY HAZARDOUS SUBSTANCE,LIQUID, N.O.S.(DIBENZYL ETHER), 9, III

Section 15: Regulatory Information

TSCA: NOT REGULATED

CERCLA RQ: NOT REGULATED

SARA 311/312: NOT REGULATED

SARA 313 NOT REGULATED

California Prop 65 NOT REGULATED

Substances:

Canadian DSL: YES LISTED

WHMIS: H-2,F-1,R-0

Section 16: Other Information

Version Date: 9/7/2016

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