

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

Product Name: MALTOL**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:** Acute tox, oral Cat 4
Skin corrosion/irritation Cat 2
Serious eye damage/eye irritation Cat 2
Specific target organ tox, single exp. Cat 3 (resp irrit)**Hazard Statements:** H302: Harmful if swallowed
H315: Causes skin irritation
H319: Causes serious eye irritation
H335: May cause respiratory irritation**Precautionary Statements:** P261: Avoid breathing dust/fume/gas/mist/vapours/spray
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing**Section 3: Composition / Information on Ingredients**

SUBSTANCE	CAS#	Weight %
3-HYDROXY-2-METHYL-1,4-PYRONE	118-71-8	100

Section 4: First Aid Measures

If ingested: If conscious rinse mouth. 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 plenty of soap water. 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 Water spray, alcohol resistant foam, dry chemical, or carbon dioxide. Firefighters should wear self-contained
Method / Equipment: 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, 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 this
Equipment and 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

Safe Handling Do not handle until all safety precautions have been read and understood. Do not handle near an open flame
Precautions: 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. Wash hands thoroughly after handling.

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

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

State: Solid **Melting Point:** 160-164C**Freezing Point:** Not avail**Color:** White **Boiling Point/Range:** 284.7C**pH:** Not avail**Sp Grav:** Not avail **Odor:** Not avail**Water Solubility:** Insoluble**Evaporation rate:** Not avail **Flash Point:** Not avail**Part. Coeff (n- NOCTANOL/WATER octanol/water)****Upper Flam Limits:** Not avail **Lower Flam Limits:** Not avail**Vapor Pressure:** [0.02mmHg@25C](#)**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: 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
MALTOL	550 mg/kg(Mouse)	Not Avail
	1.620 mg/kg (Rabbit)	Not Avail
	Not Avail	820 mg/kg (Mouse)
	1.410 mg/kg (Rat)	Not Avail

Carcinogenicity or mutagenicity: No components of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.

Sensitization: No data avail

Other Notes: Inhalation may cause respiratory irritation.

Section 12: Ecological Information

Degradation / Mobility info: No data avail

Bioaccumulative potential: No data avail

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/IMDG: NOT REGULATED

IATA: NOT REGULATED

Section 15: Regulatory Information

TSCA: NOT LISTED

CERCLA RQ: NOT LISTED

SARA 311/312: NOT LISTED

SARA 313 NOT LISTED

California Prop 65 NOT LISTED

Substances:

Canadian DSL: NOT LISTED

Section 16: Other Information

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