

Safety Data Sheet
29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: TANGERINE OIL

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

GHS02

GHS07

GHS08

BLANK

Hazard Pictograms:



Signal Word: Danger

Hazard Category: Flammable Liq Cat 3
 Aspiration hazard Cat 1
 Skin corrosion/irritation Cat 2
 Sensitization, skin Cat 1

Hazard Statements: H226: Flammable liquid and vapour
 H304: May be fatal if swallowed and enters airways
 H315: Causes skin irritation
 H317: May cause an allergic skin reaction

Precautionary Statements: P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
 P240: Ground/bond container and receiving equipment
 P241: Use explosion-proof electrical/ventilating/light/.../equipment
 P242: Use only non-sparking tools
 P243: Take precautionary measures against static discharge
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray
 P264: Wash thoroughly after handling
 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
 P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 P302+352: IF ON SKIN: Wash with soap and water
 P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 P312: Call a POISON CENTER or doctor/physician if you feel unwell
 P331: Do NOT induce vomiting
 P333+313: If skin irritation or a rash occurs: Get medical advice/attention
 P362: Take off contaminated clothing and wash before reuse
 P363: Wash contaminated clothing before reuse
 P391: Collect spillage
 P403+235: Store in a well ventilated place. Keep cool

P405: Store locked up

Section 3: Composition / Information on Ingredients

SUBSTANCE	CAS#	Weight %
TANGERINE OIL	8016-85-1	100

Section 4: First Aid Measures

General Info: ENSURE MEDICAL PERSONNEL ARE CONTACTED AND INVOLVED. SHOW THIS SAFETY DATA SHEET TO ALL MEDICAL PERSONNEL TO ENSURE THEIR SAFETY AND PROTECTION. MOVE TO A SAFE AREA, FREE FROM HAZARDOUS MATERIALS.

Notable Exposure symptoms: IRRITATION

If ingested: Rinse mouth. Seek immediate medical attention. Do not induce vomiting.

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

Extinguishing Method / Equipment: Carbon dioxide (CO₂), dry chemical, foam. Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment.

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

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 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. Store in tightly sealed containers, preferably full.

Section 8: Exposure Control / Personal Protection

General / Engineering Controls: 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: 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.

Substances with Exposure Limits	CAS#	
D'LIMONENE	5989-27-5	30ppm 165.5 mg/m3

Section 9: Physical and Chemical Properties

State: Liquid	Melting Point: Not avail	Freezing Point: Not avail
Color: Reddish orange to brownish	Boiling Point/Range: Not avail	pH: Not avail
Sp Grav: 0.84	Odor: Characteristic	Water Solubility: Insoluble
Evaporation rate: Not avail	Flash Point: 46C	Part. Coeff (n-octanol/water): Not avail
Upper Flam Limits: Not avail	Lower Flam Limits: Not avail	Vapor Pressure: Not avail
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. Product is not subject to hazardous polymerization. Avoid open flame and ignition sources. Product can slowly oxidize when in contact with air.

Incompatible materials: Strong oxidizing agents.

Decomposition products: No decomposition products known.

Section 11: Toxicological Information

Toxicological Information (contained substances)

Substance	LD50 Oral	LD50 Dermal	LC50 Inh
D'LIMONENE	4400 mg/kg (rat)	>5000 mg/kg (rabbit)	NA

Section 12: Ecological Information

Aquatic toxicity: Very toxic to aquatic organisms and to the aquatic environment. Potential for both acute and chronic effects

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

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.

Other considerations: No further information.

Section 14: Transport Information

DOT GROUND NON NOT REGULATED

BULK:

IMO/IMDG: UN1169,EXTRACTS,AROMATIC,LIQUID,3,PGIII,MARINE POLLUTANT

IATA: UN1169,EXTRACTS,AROMATIC,LIQUID,3,PGIII

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: YES LISTED

Section 16: Other Information

Version Date:

8/28/2015

Disclaimer: The information in this SDS 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