

Section 1: Company and Product Identification

Product Name: ARMOISE OIL

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

GHS07

BLANK

Hazard Pictograms:



Signal Word: Warning

Hazard Category: Hazard to aquatic environment, chronic Cat 2
Flammable Liq Cat 3
Sensitization, skin Cat 1
Specific target organ tox, single exp. Cat 2

Hazard Statements: H226: Flammable liquid and vapour
H317: May cause an allergic skin reaction
H371: May cause damage to organs
H411: Toxic to aquatic life with long lasting effects

Precautionary Statements: P210: Keep away from heat/sparks/open flames/hot surfaces – No
P233: Keep container tightly closed
P241: Use explosion-proof electrical/ventilating/light/.../equipment
P242: Use only non-sparking tools
P243: Take precautionary measures against static discharge
P260: Do not breathe dust/fume/gas/mist/vapours/spray
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

Hazards not otherwise classified: Contains : Beta Pinene, Alpha Pinene, Eucalyptol, D'Limonene. May produce an allergic reaction,

Section 3: Composition / Information on Ingredients

Common Name:	CAS#	Weight %
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	76-22-2	30-50
Thujone	546-80-5	30-50
Eucalyptol	470-82-6	5-10
Camphene	79-92-5	1-5
Alpha-Pinene	80-56-8	1-5
Beta- Pinene	127-91-3	1-5
D'Limonene	5989-28-5	1-5

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

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 and soap 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 Water spray, CO₂, or powder. Fight larger fires with water spray or alcohol resistant **Method** / foam. Firefighters should wear self-contained breathing apparatus (SCBA) and full **Equipment:** protective equipment. NEVER USE: Direct stream of water.

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. **DO NOT:** Allow to enter sewers/surface or ground water.

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. Keep out of direct sun light.

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. Wash hands before breaks and after work.

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 **Angular rotation:** -20;-1

Color: Yellow to pale yellow **Refractive Index:** 1,440; 1,480

Relative Density: 0,900;0,940

Odor: Herbaceous, camphorated **Flash Point:** 48C

Upper Flam Limits: Not avail **Lower Flam Limits:** [Not avail](#)

VOC Content (lbs/gal): Not avail **Viscosity:** Not avail

Section 10: Stability and Reactivity

Incompatible materials: No dangerous reactions known

Decomposition products: No decomposition products known. Toxic substances may be released in the event of a fire. Avoid contact with flame or spark, DO NOT: overheat.

Section 11: Toxicological Information

Likely Routes of Exposure: Inhalation of vapors, dermal

Toxicological Information (contained substances)

Carcinogenicity or mutagenicity: Not determined

Sensitization: Not determined

Section 12: Ecological Information

Aquatic toxicity: Not determined

Degradation / Mobility info: Not relevant

Bioaccumulative potential: Not relevant

Section 13: Disposal Information

Product Dispose of product in accordance with local, regional, and national regulations.
disposal: Consult with waste contractor. Contains low levels of flammable solvents.

Container Treat empty containers with extra care, as residual solvents may pose ignition
disposal: hazard. Consult waste contractor.

Section 14: Transport Information

DOT/ NON NON BULK NOT REGULATED

BULK:

IMO/IMDG: UN 1993, Flammable Liquid, N.O.S.(ARMOISE OIL), 3, III, MARINE
POLLUTANT

IATA: UN 1993, Flammable Liquid, N.O.S.(ARMOISE OIL), 3, III

Section 15: Regulatory Information

Canadian DSL: YES LISTED

Section 16: Other Information

Version Date: 1/21/2016

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