



## Safety Data Sheet

1. Identification	
<b>Product Name:</b>	Myrrh, CO2 Extract
<b>Botanical/INCI:</b>	<i>Commiphora myrrha</i>
<b>Synonyms:</b>	<i>Commiphora molmol</i>
<b>CAS Number:</b>	84929-26-0
<b>Product Uses:</b>	Aromatherapy
<b>Manufacturer/Supplier:</b>	Amrita Aromatherapy, Inc. <sup>®</sup>
<b>Address:</b>	1900 W. Stone Ave., Suite C Fairfield, IA 52556
<b>Phone:</b>	1(800)410-9651 or 1(641)472-9136
<b>Fax:</b>	1(641)472-8672
<b>Emergency Contact:</b>	Poison Control: 1(800)222-1222
2. Hazard(s) Identification	
<b>Appearance:</b>	Liquid Oil
<b>Signal Word:</b>	Warning
<b>Statement of Hazard:</b>	H304 – May be fatal if swallowed and enters airways H302 – Harmful if swallowed H319 – Causes serious eye irritation H315 – Causes skin irritation H317 – May cause an allergic skin reaction H412 – Harmful to aquatic life with long lasting effects
<b>Precautionary Statements:</b>	P102 - Keep out of the reach of children. P261 –Avoid breathing dust/fume/gas/mist/vapors/spray. P270 – Do not eat, drink, or smoke when using this product. P273 – Avoid release to the environment P280 – Wear protective gloves/protective clothing/eye protection/face protection. P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician. P302 + P352 – IF ON SKIN: Wash with plenty of water/soap. P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P331 – Do NOT induce vomiting. P333 + P313 –If skin irritation or rash occurs: Get medical advice/attention. P405 – Store locked up. P501 – Dispose of contents/container to an approved waste disposal plant.
<b>Aspiration Toxicity:</b>	Category 1
<b>Skin Irritation:</b>	Category 2
<b>Skin Sensitization:</b>	Category 1
<b>Acute Aquatic Toxicity:</b>	Not Listed
<b>Chronic Aquatic Toxicity:</b>	Category 3
<b>Flammable Liquids:</b>	Category 4
Classification according to EU Directives 67/548/EEC or 1999/45/EC. For the full text of the R-phrases mentioned in this Section, see Section 16.	

Hazards				
Symbol(s) Writing		Pictogram(s)		
<ul style="list-style-type: none"> <li>• Harmful if swallowed</li> <li>• May cause respiratory irritation</li> </ul>				
3. Composition / Information on Ingredients				
<b>Ingredients List:</b> 100% Organic CO2 Extracted Myrrh Resin				
Component	CAS Number	Weight %	Classification 1272 / 2008	REACH Number
furanoeudesma-1,3-diene	87605-93-4	26.74%	Not Classified	N/A
curzerene	17910-09-7	20.01%	Eye Irrit. 2	N/A
alpha pinene	80-56-8	0.02%	Asp. Tox. 1	201-291-9
beta caryophyllene	87-44-5	0.34%	Skin Sens. 1B	201-746-1
<i>(See Section 8 for Exposure Limits. For full text of 1272 / 2008 Classification, see Section 16)</i>				
4. First Aid Measures				
<b>General Advice:</b>	When in doubt or if symptoms are observed, seek medical advice.			
<b>Eye Contact:</b>	Check for and remove any contact lenses. Flush with water for 15 minutes. If symptoms persist get medical attention. May cause eye irritation and corneal damage if not immediately rinsed out.			
<b>Skin Contact:</b>	No harmful effect with normal skin. If skin irritation does occur, wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor. Repeated contact may cause allergic dermatitis			
<b>Ingestion:</b>	Not an expected route of exposure. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with milk or water and consult a doctor. Keep the exposed person at rest. Do NOT force vomiting unless directed to do so by medical personnel. Seek immediate medical attention and show the Substance's label to medical personnel.			
<b>Inhalation:</b>	Not likely to occur under normal conditions of use. If symptoms occur, move to fresh air and obtain medical advice. Breathing high concentrations of vapor may cause anesthetic effects.			
5. Fire Fighting Measures				
<b>Extinguishing Media:</b>	Suitable media: sprayed water or water mist, alcohol-resistant foam, multipurpose ABC powder, BC powder, carbon dioxide (CO2) Unsuitable media: water jet (straight stream)			
<b>Hazardous Combustion Products:</b>	A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. In the event of a fire, the following may be formed: carbon monoxide (CO), carbon dioxide (CO2), fumes, and nitrogen oxide.			
<b>Fire Fighting Procedures:</b>	Move undamaged containers from immediate hazard area if it can be done safely. Use suitable breathing apparatus. Wear suitable equipment for self-protection.			
<b>Fire / Explosion Hazards:</b>	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.			
6. Accidental Release Measures				
<b>Health and Safety Precautions:</b>	Stop leak if you can do so without risk. Consult safety measures listed under Sections 7 and 8			
<b>Measures for Cleaning and Collecting:</b>	Absorb spill with non-combustible matter (such as detergent--do not use			

	solvents) and transfer to containers
<b>Measures for Environmental Protections:</b>	Avoid allowing product to reach sewage system or any waterways. Inform respective authorities in case of seepage into sewage system or waterway
<b>Additional Considerations for Large Spills:</b>	Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, or diatomaceous earth in drums for waste disposal.
<b>7. Handling and Storage</b>	
<b>General Handling:</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid unintentional contact with skin surfaces. Wear suitable protective clothing. Avoid inhalation. Ensure good ventilation or exhaust in workplace. Do not allow contact with eyes. Always wash hands after handling. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.
<b>Storage Conditions:</b>	Store in closed glass containers, away from heat, light and other sources of ignition. Store in cool area.
<b>8. Exposure Controls / Personal Protection</b>	
<b>Exposure Limit:</b>	None established
<b>Engineering Controls:</b>	General room or local exhaust ventilation is usually required to meet exposure limit(s). Electrical equipment should be grounded and conform to applicable electrical code
<b>Environmental Exposure Controls:</b>	The best available technology should be utilized to prevent environmental release.
<b>Personal Protective Equipment (PPE):</b>	Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place away from the work area. Never eat, drink, or smoke during use. Remove and wash contaminated clothing before re-using.
<b>Hands:</b>	Wear suitable protective gloves (resistant to chemical agents in accordance with standard EN374) in the event of prolonged or repeated skin contact. Type of gloves recommended: Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR)) or PVA (Polyvinyl alcohol).
<b>Eyes:</b>	Avoid contact with eyes. Use eye protectors (safety goggles in accordance with standard EN166) designed to protect against liquid splashes.
<b>Skin:</b>	Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.
<b>Respiratory Protection:</b>	No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.
<b>9. Physical and Chemical Properties</b>	
<b>Physical State:</b>	Liquid oil
<b>Liquid Color:</b>	Pale yellow to amber
<b>Odor:</b>	Characteristic, warm, slightly spicy, sweet balsamic
<b>Molecular Weight:</b>	Not available
<b>Water Solubility:</b>	Insoluble
<b>Boiling Point (°C):</b>	Not available
<b>Vapor Pressure (kPa):</b>	Not available
<b>Vapor Density (g/mL):</b>	Not available
<b>Flash Point – Liquid (°C):</b>	>93°C

<b>Upper Explosive Limits:</b>	Not available
<b>Lower Explosive Limits:</b>	Not available
<b>Polymerization:</b>	Not available
<b>Specific Gravity 25°C:</b>	Not available
<b>Specific Gravity 20°C:</b>	1.025 – 1.075
<b>Refractive Index 20°C:</b>	1.517 – 1.537
<b>10. Stability and Reactivity</b>	
<b>Chemical Stability:</b>	This substance is stable under the recommended handling and storage conditions in Section 7.
<b>Conditions to Avoid:</b>	Heat, open flame, sunlight.
<b>Incompatible Materials:</b>	Alkali metals, ammonia, oxidizing agents, peroxides strong inorganic acids.
<b>11. Toxicological Information</b>	
<b>General Information:</b>	No specific health warnings noted.
<b>Acute Toxicity:</b>	MYRRH OIL (C. MYRRHA) (CAS No: 8016-37-3) Oral route: LD50 = 1650 mg/kg. Species: Rat
<b>Irritation / Sensitization:</b>	May be irritating to skin. May be irritating to eyes. Prompt rinsing and removal of the substance will avoid damage. Breathing high concentrations of vapor may cause anesthetic effects.
<b>Delayed/Immediate Effects:</b>	Exposure to vapors from this solvent in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver, and central nervous system.  Repeated or prolonged contact with the substance may cause removal of natural oil from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eyes may cause irritation and reversible damage.
<b>Carcinogen Status:</b>	Not suspected or considered to be carcinogenic.
<b>12. Ecological Information</b>	
<b>Environmental Overview:</b>	Balance of data on substance as a whole, not determined.
<b>Eco-toxicity Effects:</b>	Harmful to aquatic life with long lasting effects.
<b>Chemical:</b>	Curzerene (20%) is considered STOT SE 3, may cause respiratory irritation.
<b>Persistence and Degradability:</b>	Biodegradation is expected.
<b>Bio-accumulative Potential:</b>	Bioaccumulation is unlikely.
<b>Mobility in Soil:</b>	The product is insoluble in water.
<b>Other Adverse Effects:</b>	Avoid exposure to marine environments and waterways.
<b>13. Disposal Considerations</b>	
<b>Waste Treatment Methods:</b>	Do not pour into drains or waterways. Observe all federal, state, and local environmental regulations. Member State-specific and Community-specific provisions must be considered. Considering the relevant known environmental and human health hazards of the materials, review and implement appropriate technical and procedural wastewater and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental release. This may include destructive techniques for waste and wastewater. In extreme situations, contact a licensed professional waste disposal service to dispose of this material.
<b>14. Transport Information</b>	

<i>The following refers to all modes of transportation unless specified below. This material is regulated for transport under DOT, ADR, IMDG, and IATA regulations.</i>				
<b>UN Number:</b>		Not regulated		
<b>UN Proper Shipping Name:</b>		Not regulated		
<b>Transport Hazard Class(es):</b>		Not regulated		
<b>Packing Group:</b>		N/A		
<b>Flash Point (°C):</b>		>93°C		
<b>Marine Pollutant:</b>		Category 3		
<b>15. Regulatory Information</b>				
<b>EU Symbol:</b>				
<b>EU Indication of Danger:</b>		Xn – Harmful, N – Environmental Danger, Xi – Irritant		
<b>EU Risk Phrases:</b>		R22 – Harmful if swallowed R43 – May cause sensitization by skin contact R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment		
<b>EU Safety Phrases:</b>		None		
<b>OSHA Label:</b>		Warning		
<b>Identifying Markings in Accordance with EC Directives / GefStoffV:</b>		Not regulated		
<b>California Proposition 65:</b>		All components are listed or exempted.		
<b>United States TSCA:</b>		All components are listed or exempted.		
<b>Australia (AICS):</b>		All components are listed or exempted.		
<b>EU EINECS/ELINCS List:</b>		All components are listed or exempted.		
<b>16. Other Information</b>				
<b>Precautionary Statements from Section 2, continued.</b>		P362 + P364 – Take off contaminated clothing and wash before reuse. P272 – Contaminated work clothing should not be allowed out of the workplace. P264 – Wash hands thoroughly after handling. P337 + P313 – If eye irritation persists: Get medical advice/attention. P301 + P312 – IF SWALLOWED: Call a POISON CENTER/doctor/physician/ if you feel unwell		
<b>Full Text of 1272 / 2008 Classification Section 2</b>		<ul style="list-style-type: none"> <li>• Furanoedesma-1,3-diene – Not classified</li> <li>• Curzerene – Skin Irritant 2, Eye Irritant 2, STOT SE 3 (Respiratory)</li> <li>• Beta elemene – Flammable Liquid 2</li> <li>• Beta caryophyllene – Aspiration Toxicity 1, Skin Sensitization 1B</li> <li>• Alpha pinene – Flammable Liquids 3, Acute Toxicity Oral, 4, Skin Corrosion/Irritation 2, Skin Sensitization 1, Aspiration Toxicity 1, Aquatic Toxicity (Acute) 1, Aquatic Toxicity (Chronic) 1</li> </ul>		
<b>Disclaimer:</b> The information contained herein is accurate to the best of our knowledge. Amrita Aromatherapy, Inc.® makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.				
<b>Revision Tracking</b>				
Revision	Date	Reason	Author	Reviewed by
3.1	June 2020	Creation	RS	SG/TG/MC/TH
3.2	June 2020	Consistency	RS	SG/TG/MC/TH
3.3	May 2021	Content	SS	SG