



Plant's Power Inc
3-2700 St.Clair Ave west
Toronto, Ontario, M6N 1M2
Contact: 1-416-766-1254

Material Safety Data Sheet Myrrh CO2 extract

Section 1: Product and Company Identification

Product Name: *Myrrh CO2 -se extract, type no. 037.001*

Botanical Name: *Commiphora abyssinica*

INCI Name: *Commiphora abyssinica resin extract*

CAS#: 9000-45-7

EINECS: 232-543-6

UN No. 1169: Liquid aromatic extract.

Packaging Group: III Class: 3

Catalog Codes: SP-Myrrh

Contact Information:

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Section 2: Composition and Information on Ingredients

Composition: Myrrh CO2 Extract is derived from the gum/resin of *Commiphora abyssinica*.

Name: Myrrh CO2-sa extract

essential oil content:65-85% with Curzerene, Curzerenone, Isolindestrne

No solvent residues

Toxicological Data on Ingredients: Not applicable.

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

Note: Repeated or prolonged exposure is not known to aggravate medical condition.

Contains: <1ppm methyl eugenole (CAS no. 93-15-2)

May cause allergic reactions.

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion

Data Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: closed cup > 93 °C (199 °F).

Flammable Limits: Not available.
Products of Combustion: Not available.
Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray fog or foam, CO₂, dry chemical.

DO NOT use direct water jet on burning material.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Spillage: Absorb with an inert material and put the spilled material in an approved waste disposal container.

Section 7: Handling and Storage

Precautions: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/vapor/spray. Keep away from incompatibles such as oxidizing agents.

Storage: Light Sensitive. Store in light-sensitive containers. Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 21°C (70°F).

Environment: Keep away from drains, surface and ground water.

Storage class: (VCI) 3B

Section 8: Exposure Controls/Personal Protection Engineering

Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit

value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Safety glasses. Lab coat.

Personal Protection in

Case of a Large Spill: Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance:	Clear liquid oil,viscous
Colour:	Yellow to brown
Odor, taste:	Characteristic
Molecular Weight:	Not available.
pH (1% soln/water):	Not applicable.
Flash Point:	>65 °C method Abel-Pensky
Melting Point:	Not available.
Critical Temperature:	Not available.
Specific Gravity:	1.025-1.075g/cm ³ @ 20°C
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Volatility:	Not available.
Odor Threshold:	Not available.
Ionicity (in Water):	Not available.
Dispersion Properties:	Not available.
Solubility:	Soluble in alcohol and carrier oils . Insoluble in cold water, hot water.

Section 10: Stability and Reactivity

Data Stability:	The product is stable.
Instability Temperature:	Not available.
Conditions of Instability:	Excess heat,sun light, air, incompatible materials
Incompatibility with various substances:	Reactive with oxidizing agents.

Corrosivity: Not available.
Special Remarks on Reactivity: Easily oxidized by air. Light Sensitive.
Special Remarks on Corrosivity: Not available.
Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact.
Toxicity to Animals: Data not available
Chronic Effects on Humans: Not available.
Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:

Myrrh should not be used during pregnancy as it is a uterine stimulant - emmenagogue.

Acute Potential Health Effects:

Skin: May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: Ingestion of large amounts may cause digestive tract irritation.

Inhalation: Breathing high concentrations of vapor may cause an esthetic effects. Vapor may be irritating to respiratory tract.

Chronic Potential Health Effects:

Skin: Repeated contact may cause allergic dermatitis. This product is a natural product for which no health hazard data exist.

Section 12: Ecological Information

Eco-toxicity: Not available.
BOD5 and COD: Not available.
Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the
Products: No heavy metals and inorganic components

Section 13: Disposal Considerations

Waste Disposal: Waste must be disposed of in accordance with federal, provincial or state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for
Transport: Not applicable.

Section 15: Other Regulatory Information

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC): This product is not classified according to the EU regulations.

Federal and State Regulations (U.S.A.): TSCA 8(b) inventory: Myrrh CO₂ extract

Other Regulations: Not available.

Other Classifications:

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Personal Protection: May cause sensitization by skin contact.

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment: Lab coat, Safety glasses.

Section 16: Other Information

Disclaimer:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Plant's Power be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Plant's Power has been advised of the possibility of such damages.
