



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

Material Safety Data Sheet Chamomile Roman Essential Oil

Section 1: Product and Company Identification

Product Name: Chamomile Roman

Botanical Name: *Anthemis Nobilis*,

INCI Name: *Anthemis Nobilis* flower oil

CAS No.: 8015-92-7 / 84649-86-5

EINECS No.: 283-467-5

Synonym: *Chamomile Domestic*

Chemical Identification: Oil, Chamomile roman

Packaging Group: III Class: 3

Importer Information:

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| Plant's Power Inc 3-2700 St.Clair Ave west Toronto, Ontario, M6N 1M2 Contact: 1-416-766-1254 http://PlantPower.ca info@plantpower.ca | 24 HOUR EMERGENCY TELEPHONE NUMBER: (647)-427-4480 |
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Section 2: Composition and Information on Ingredients

Composition: The volatile oil obtained by steam distillation of the dried flowering heads or whole plant of the herb *Anthemis Nobilis*

Name: Chamomile oil

Classification: 1169 Liquid aromatic extract.

CAS No.: 8015-92-7 / 84649-86-5

% by Weight: 100%

Toxicological Data on Ingredients: Not applicable.

Section 3: Hazards Identification

GHS Classification: according to Regulation (EC) n° 1272/2008 – (Regulation CLP)

Signal Word: Danger

Pictogram:



- AH1: Aspiration hazard 1
ED12: Serious eye damage/eye irritation 2
EHC2: Hazardous to the aquatic environment, long-term hazard 2
FL3: Flammable liquids 3
SC12: Skin corrosion/irritation 2
SS1: Sensitization skin 2
STO-SE3-RI: Specific target organ toxicity, single exposure 3R1
- H226: Flammable liquid and vapour
H304: May be fatal if swallowed and enters airway
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H319: Causes serious eye irritation
H335: May cause respiratory irritation
H411: Toxic to aquatic life with long lasting effects
- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233: Keep container tightly closed
P241: Use explosion-proof electrical/ventilating/lighting/.../equipment
P242: Use only non-sparking tools
P243: Take precautionary measures against static discharge
P261: Avoid breathing dust/fume/gas/mist/vapours/spray
- EUH066: Repeated exposure may cause skin dryness or cracking
EUH208: Contains one or more sensitizing substances. May produce an allergic reaction

Information according to ECC Commission Directives 67/548/CEE and 1999/45/CE:

Physico-chemical hazards

R10: Flammable

Health Hazards, Xn

- R43: May cause sensitization by skin contact
R36/38: Irritating to eyes and skin
R65: Harmful; may cause lung damage if swallowed

Environmental Hazards, N

R51-53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S61: Avoid release to the environment

S62: If swallowed, do not induce vomiting, seek medical advice immediately and show this container and label

S37: Wear suitable gloves

S24/25: Avoid contact with skin and eyes

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S60: This material and its container must be disposed of as hazardous waste

Not classified as hazardous according to current CLP Regulations.

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

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.

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.

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

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.

Section 5: Fire and Explosion

Extinguishing Media: spraying Use CO₂, dry powder or foam type extinguishers, extinguishing media to base of flames. Do not use

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| direct | water jet on burning material. |
| Special Measures: | Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke, wear positive pressure self-contained breathing apparatus and protective clothing. |
| Extinguishing Procedures: | Closed containers may build up pressure when exposed to heat and should be cooled with water spray. |
| Data Flammability of the Product: | Flammable liquid. Will ignite if moderately heated. |
| Auto-Ignition Temperature: | Not available. |
| Flash Points: | Close cup 50 °C |
| 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. |

Section 6: Accidental Release Measures

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| Spillage: | Absorb with an inert material and put the spilled material in an approved waste disposal container. |
| Personal Precautions: | Avoid inhalation and direct contact with skin and eyes. |
| Environmental Precautions: | Prevent from entering drains, surface and ground water. |
| Cleaning: | Remove using absorbents then clean the area with hot water and detergent. Take care as the area may present a slip hazard. |

Section 7: Handling and Storage

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

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 mobile liquid.

Odor, taste: Strong aromatic odor characteristic of the flower.

Color: Colourless to yellow, sometime slightly bluish.

Flash Point: 54°C closed cup

Specific Gravity: 0.897 – 0.916 @ 20°C

Refractive Index: 1.440 – 1.470 @ 20°C

Optical Rotation: -2° to +3°

Volatility: Essential oils are naturally high in volatile organic compounds (VOCs).

Water/Oil Dist. Coeff.: Soluble in alcohol and oils. Insoluble in water.

Solubility: Soluble in alcohol and carrier oils . Insoluble in cold water, hot water.

Section 10: Stability and Reactivity

Materials to avoid: Strong acids, alkali or oxidizing materials.

Reactivity: It presents no significant reactivity hazards by itself or in contact with water.

Decomposition: Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide and other non-identified organic compounds may be formed.

Data Stability: The product is stable.

Conditions of Instability: Excess heat, light, air, incompatible materials

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact.

Toxicity to Animals: Oral LD50: <5g/kg (rabbit).
Dermal LD50: <5g/kg(rabbit)

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 other Toxic Effects on Humans:

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

Precautions: Prevent surface contamination of soil, ground and surface water.

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 of Biodegradation: Not available.

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

Custom rate code: 33012941

Land Transport (ADR/RID)



UN No.: 1169 EXTRACTS, AROMATIC, LIQUID (Alpha-pinene, limonene)
Class: 3
Packaging Group: III
Code Tunnel: (D/E)

Maritime Transport (IMDG)



UN No.: 1169 EXTRACTS, AROMATIC, LIQUID (Alpha-pinene, limonene)
Class: 3
Packaging Group: III
Marine Pollutant: Yes

Air Transport (IATA)



UN No.: 1169 EXTRACTS, AROMATIC, LIQUID (Alpha-pinene, limonene)
Class: 3
Packaging Group: III

Section 15: Other Regulatory Information

According to directive 88/379/EEC

Hazards: Flammable



Symbol:

Risk Phrases: R10: Flammable liquid

Safety Phrases: S16: Keep away from sources of ignition: No smoking

Cosmetics Directive

7th amendment: Restrictions may apply. A source of Geraniol, Citronellol, Limonene and Linalool, listed as sensitizers. Check maximum usage levels for skin care products.

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: Chamomile german Essential Oil

Other Regulations: Not available.

Other Classifications:

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protection: a

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

Health: 2

Flammability: 3

Reactivity: 0

Specific hazard:

Protective Equipment: Lab coat, Safety glasses.

Section 16: Other Information

Packaging:

| TYPE | SUITABILITY |
|-------------------------|-------------|
| Glass | Yes |
| Lacquer lined Steel/tin | Yes |
| Aluminum | Yes |
| HPPE | No |
| F/HDPE | Yes |
| Other Plastic | No |

Shelf life: When stored within advised conditions re-test after 12 months then at 6 monthly intervals, up to a maximum of 36 months.

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.
