

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Chamomile German Organic Essential Oil (Nepal)
Botanical name	:	Matricaria chamomilla L.
INCI name	:	Matricaria Recutita Flower Oil
CAS #	:	84082-60-0
Country of Origin	:	Nepal
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Aspiration Hazard - Category 1

Skin corrosion/irritation - Category 2

Sensitization skin - Category 1

Serious eye damage/eye irritation - Category 2A

GHS Label elements, including precautionary statements

Signal: Danger

Hazard statement(s)

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

Precautionary statement(s)

P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P262	Do not get in eyes, on skin, or on clothing.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P352	IF ON SKIN: Wash with plenty of water.

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 a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents/container according to local regulations.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Matricaria Recutita Flower Oil	84082-60-0	282-006-5	100 %

4. FIRST AID MEASURES

Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs. Contact a physician as necessary.

Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention. Contact a physician as necessary.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

Do not induce vomiting. Wash out mouth with water and give water slowly to dilute (as much as casualty can comfortably drink) provided person is conscious. NEVER give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconsciousness. Contact a physician or local poison control center immediately. If vomiting occurs, lean patient forward or place on left side (head-down position if possible) to maintain open airway and prevent aspiration.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Dry Chemical; Universal-Type foam.

Unsuitable extinguishing media

Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting gases

Oxides of Carbon (Carbon monoxide and Carbon dioxide)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Equip clean crew with proper protection. Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to Section 8.

Environmental precautions

Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.

Methods and materials for containment and cleaning up

Clean spill and recover free product. Absorb remainder on vermiculite or other suitable absorbent material. Wipe small spills with cloth. Clean with hot water and detergent. Refer also to Section 13 for disposal procedures.

7. HANDLING AND STORAGE

Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

Odor is inadequate to warn of overexposure.

Eyes

Chemical safety goggles recommended.
Wash contaminated goggles before reuse.

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory

Do not breathe vapors. Mechanical exhaust required. In confined areas, use of appropriate respiratory protection may be required (usually, NIOSH approved respirator).

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Blue to bluish-green viscous liquid.
Odor	:	Characteristic herbaceous with fruity undertone.
Flash point	:	95°C
Relative density	:	0.880 to 0.930 @ 25 °C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.470 to 1.510 @ 25 °C
Optical rotation	:	-15° to 0.0°

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

Chemical stability

Chemically stable, non-hazardous material. This material presents no significant reactivity hazard.

Possibility of hazardous reactions

Heating cause expansion or decomposition of material; lead to container exploding.

Conditions to avoid

Avoid sparks, flame and other heat sources.

Incompatible materials

Strong acids, strong alkali's and oxidizing agents,

Hazardous decomposition products

Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50 [Oral]: 5880.0 mg/kg

LC [Inhalation]: 44.5 mg/L

Carcinogenicity

None of the components of this material are listed as a carcinogen.

Chronic toxicity

May cause allergic reactions on skin.

Reproductive toxicity

No adverse effects on reproduction are known.

Inhalation

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

Skin contact

May cause sensitization by skin contact.

Eye contact

Possible irritation should be prevented by wearing safety glasses.

Ingestion

Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting

Skin corrosion

May cause allergic reactions on skin.

Repeated exposure

Repeated or prolonged contact may cause redness, irritation and scaling of skin (Dermatitis).

12. ECOLOGICAL INFORMATION

Ecotoxicity

None established. Avoid contaminating waterways. Prevent contamination of soil & ground. Do not discharge product without monitoring into environment. Harmful to aquatic organisms. May cause long term adverse effects in the aquatic environment.

Persistence and degradability

Not available.

Bio - accumulative potential

Not available.

Mobility in soil

Not available.

Other adverse effects

Not available.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

UN Number

3082

UN proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Matricaria recutita, ext.)

Transport hazard class

9

Packing group

III

US DOT Shipping Description (Land)

3082

Proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Matricaria recutita, ext.)

Class

9

Packaging group

III

IMO-IMDG Shipping Description (Sea)

3082

Proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Matricaria recutita, ext.)

Class

9

Packaging group

III

IMO-IMDG code

3082

IATA Shipping Description (Air)

3082

Proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Matricaria recutita, ext.)

Class

9

Packaging group

III

Emergency action in case of accident

Notify police and fire department immediately

15. REGULATORY INFORMATION

California Proposition 65

• This product can expose you to beta-Mycrene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

GHS Hazard Statements

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

16. OTHER INFORMATION

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Disclaimer & Caution

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