

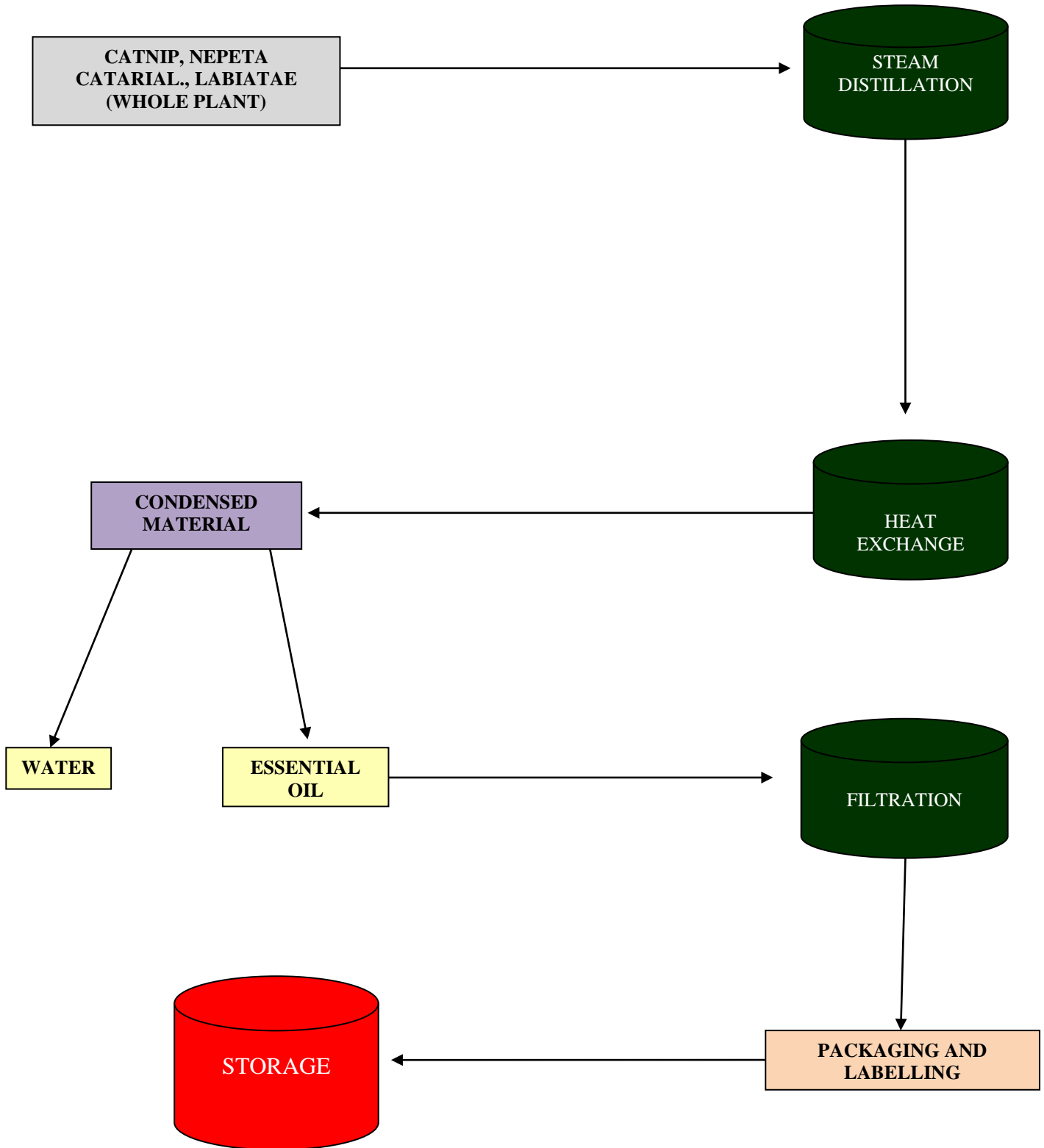


Certificate of Analysis

PRODUCT DETAILS		
Product Name	CATNIP OIL Ct Cineol	
Product Code	OECATN	
Synonyms	Nepeta catraia oil, Catmint Oil	
Batch Number	4329004	
Best Before End	July 2021	
Identification	CAS No: 84929-35-1	EINECS No: 284-520-5
PHYSICAL AND CHEMICAL CHARACTERISTIC		
	SPECIFICATION RANGE	RESULTS
Appearance	Liquid	Conforms
Colour	Pale Yellow to Brown Yellow	Conforms
Odour	Fresh, Minty-Herbaceous with a sweet, woody/spicy undertone	Conforms
Relative Density @ 20°C	0.881 - 0.918	0.9
Refractive Index @ 20°C	1.431 - 1.487	1.467
Flash Point	56°	Conforms
Angular Rotation (°)	-15 to +15'	-4
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. **It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.**

FLOW CHART – CATNIP OIL





SAFETY DATA SHEET CATNIP OIL

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	CATNIP OIL
Product number	OECATNIP
Synonyms; trade names	Nepeta cataria oil, Catmint oil
CAS number	84929-35-1
EC number	284-520-5

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Industrial, only for professional use
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1.3. Details of the supplier of the safety data sheet

Supplier	MADAR Corporation Limited 19-20 Sandleheath Industrial Estate Fordingbridge Hampshire SP6 1PA
	Tel. +44 1425 655555 e-mail sales@madarcorporation.co.uk

Approved sellers	Cosmetic Butters, Mystic Moments, New Directions, World of Moulds
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1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Flam. Liq. 3 - H226
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304
Environmental hazards	Aquatic Chronic 2 - H411


Human health May be fatal if swallowed and enters airways. Causes serious eye irritation Causes skin irritation. May cause an allergic skin reaction.

Environmental Toxic to aquatic life with long lasting effects.

Physicochemical Flammable liquid and vapour

CATNIP OIL

2.2. Label elements

EC number	284-520-5
Pictogram	
Signal word	Danger
Hazard statements	<p>H226 Flammable liquid and vapour. 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. H411 Toxic to aquatic life with long lasting effects.</p>
Precautionary statements	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 Avoid breathing vapour/ spray. P273 Avoid release to the environment. 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. P501 Dispose of contents/ container in accordance with national regulations.</p>
Contains	1, 8 cineole, Beta Pinene, 7-methyl-3-methyleneocta-1,6-diene, Sabinene, Alpha Pinene, Beta Caryophyllene
Supplementary precautionary statements	<p>P233 Keep container tightly closed. P240 Ground/ bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P264 Wash contaminated skin 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. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. P321 Specific treatment (see medical advice on this label). P331 Do NOT induce vomiting. P332+P313 If skin irritation occurs: Get medical advice/ attention. P333+P313 If skin irritation or 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. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P391 Collect spillage. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.</p>

2.3. Other hazards

CATNIP OIL

SECTION 3: Composition/information on ingredients

3.2. Mixtures

1, 8 cineole	45 - 55%
CAS number: 470-82-6	EC number: 207-431-5
Classification	
Flam. Liq. 3 - H226	
Skin Sens. 1B - H317	
Beta Pinene	5-10%
CAS number: 127-91-3	EC number: 204-872-5
M factor (Acute) = 1	M factor (Chronic) = 1
Classification	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
Terpinene-1-ol-4	5-10%
CAS number: 562-74-3	EC number: 209-235-5
Classification	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
p-menth-1-en-8-ol	5-10%
CAS number: 98-55-5	EC number: 202-680-6
Classification	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
7-methyl-3-methyleneocta-1,6-diene	5-10%
CAS number: 123-35-3	EC number: 204-622-5
Classification	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Asp. Tox. 1 - H304	

CATNIP OIL

Sabinene	1-5%
CAS number: 3387-41-5 EC number: 222-212-4	
M factor (Acute) = 1	
Classification	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
STOT SE 3 - H335	
Aquatic Acute 1 - H400	
Alpha Pinene	1-5%
CAS number: 80-56-8 EC number: 201-291-9	
Classification	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Beta Caryophyllene	1-5%
CAS number: 87-44-5 EC number: 201-746-1	
Classification	
Asp. Tox. 1 - H304	
Camphene	1-5%
CAS number: 79-92-5 EC number: 201-234-8	
M factor (Acute) = 1 M factor (Chronic) = 1	
Classification	
Flam. Liq. 3 - H226	
Eye Irrit. 2 - H319	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
Linalool	1-5%
CAS number: 78-70-6 EC number: 201-134-4	
Classification	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

CATNIP OIL

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical attention.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention immediately.
Skin contact	Remove contaminated clothing. Wash skin thoroughly with soap and water. Continue to rinse for at least 15 minutes. Get medical attention.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use as appropriate carbon dioxide (CO ₂), dry chemical or foam
Unsuitable extinguishing media	For safety reasons do not use full water jet.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Protective actions during firefighting	Do not inhale explosion and/or combustion gases. Use self contained breathing apparatus.
Special protective equipment for firefighters	Wear full protective clothing

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin and eyes. Avoid inhalation of vapours. If ventilation is inadequate, suitable respiratory protection must be worn.
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6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or watercourses or onto the ground.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb spillage with sand or other inert absorbent. Collect spillage. Wash spill site after material pick up is complete.
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6.4. Reference to other sections

CATNIP OIL

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. Avoid contact with skin and eyes. Do not breathe vapours. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only in well-ventilated areas. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

1, 8 cineole (CAS: 470-82-6)

DNEL	Workers - Dermal; Long term systemic effects: 2 mg/kg General population - Oral; Long term systemic effects: 600 mg/kg General population - Dermal; Long term systemic effects: 1 mg/kg General population - Inhalation; Long term systemic effects: 1.74 mg/m ³
PNEC	- STP; 10 mg/l - Soil; 0.2 mg/kg - Intermittent release; 0.57 mg/l - Fresh water; 0.057 mg/l - Marine water; 0.0057 mg/l - Sediment (Freshwater); 0.06732 mg/kg - Sediment (Marinewater); 0.00673 mg/kg

7-methyl-3-methyleneocta-1,6-diene (CAS: 123-35-3)

DNEL	Workers - Dermal; Long term systemic effects: 0.83 mg/kg Workers - Inhalation; Long term systemic effects: 5.83 mg/m ³ General population - Dermal; Long term systemic effects: 0.42 mg/kg General population - Inhalation; Long term systemic effects: 1.25 mg/m ³
PNEC	- STP; 0.2 mg/l - Soil; 1.015 mg/kg - Fresh water; 0.00028 mg/l - Marine water; 0.0008 mg/l - Sediment (Freshwater); 5.022 mg/kg - Sediment (Marinewater); 0.502 mg/kg

Alpha Pinene (CAS: 80-56-8)

DNEL	Workers - Inhalation; Long term systemic effects: 5.98 mg/m ³ General population - Oral; Long term systemic effects: 0.31 mg/kg General population - Inhalation; Long term systemic effects: 1.06 mg/m ³
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CATNIP OIL

PNEC	- STP; 3.26 mg/l
	- Soil; 0.539 mg/kg
	- Fresh water; 0.004 mg/l
	- Marine water; 0.0004 mg/l
	- Sediment (Freshwater); 1.033 mg/kg
	- Sediment (Marinewater); 0.103 mg/kg

Camphene (CAS: 79-92-5)

DNEL	Workers - Dermal; Short term systemic effects: 1.25 mg/kg
	Workers - Inhalation; Short term systemic effects: 110.19 mg/m ³
	Workers - Dermal; Long term systemic effects: 0.21 mg/kg
	Workers - Inhalation; Long term systemic effects: 110.19 mg/m ³
	General population - Oral; Short term systemic effects: 0.625 mg/kg
	General population - Dermal; Short term systemic effects: 0.625 mg/kg
	General population - Inhalation; Short term systemic effects: 54.3 mg/m ³
	General population - Oral; Long term systemic effects: 0.1 mg/kg
	General population - Dermal; Long term systemic effects: 0.1 mg/kg

PNEC	- STP; 10 mg/l
	- Soil; 0.0211 mg/kg
	- Intermittent release; 0.00072 mg/l
	- Fresh water; 0.00072 mg/l
	- Marine water; 0.000072 mg/l
	- Sediment (Freshwater); 0.0262 mg/kg
	- Sediment (Marinewater); 0.00262 mg/kg

Linalool (CAS: 78-70-6)

DNEL	Workers - Dermal; Short term systemic effects: 5 mg/kg
	Workers - Inhalation; Short term systemic effects: 16.5 mg/m ³
	Workers - Dermal; Long term systemic effects: 2.5 mg/kg
	Workers - Inhalation; Long term systemic effects: 2.8 mg/m ³
	General population - Oral; Short term systemic effects: 1.5 mg/kg
	General population - Dermal; Short term systemic effects: 2.5 mg/kg
	General population - Inhalation; Short term systemic effects: 4.1 mg/m ³
	General population - Oral; Long term systemic effects: 0.2 mg/kg
	General population - Dermal; Short term systemic effects: 1.25 mg/kg

PNEC	- STP; Short term 10 mg/l
	- Soil; Short term 0.327 mg/kg
	- Intermittent release; Short term 2 mg/l
	- Fresh water; Short term 0.2 mg/l
	- Marine water; Short term 0.02 mg/l
	- Sediment (Freshwater); Short term 2.22 mg/kg
	- Sediment (Marinewater); Short term 0.222 mg/kg

8.2. Exposure controls

Protective equipment



CATNIP OIL

Appropriate engineering controls	Provide eyewash station Provide adequate ventilation.
Personal protection	Use personal protection according to Directive 89/686/EEC
Eye/face protection	Approved safety goggles.
Hand protection	Chemical resistant gloves (PVC)
Other skin and body protection	Wear apron or protective clothing in case of contact.
Hygiene measures	Good personal hygiene procedures should be implemented. Wash hands thoroughly after handling.
Respiratory protection	Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.
Environmental exposure controls	Avoid discharging into drains.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Pale yellow to brown yellow
Odour	Fresh, Minty-herbaceous with a sweet, woody/spicy undertone.
Flash point	56°C
Relative density	0.881 - 0.918 @ 20°C
Optical rotation	-15 to +15

9.2. Other information

Refractive index	1.431 - 1.487
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No data available.
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10.2. Chemical stability

Stability	Stable under the prescribed storage conditions. May form explosive mixture with air at very high concentration.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No data available.
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10.4. Conditions to avoid

Conditions to avoid	Avoid the following conditions: Heat, sparks, flames. Light. Freezing.
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10.5. Incompatible materials

Materials to avoid	Strong acids. bases
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10.6. Hazardous decomposition products

Hazardous decomposition products	Heating may generate flammable vapours. Carbon dioxide (CO ₂). Carbon monoxide (CO).
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CATNIP OIL

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No data available.

Acute toxicity - oral

ATE oral (mg/kg) 6,693.44

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Skin sensitisation

Skin sensitisation May cause an allergic skin reaction.

SECTION 12: Ecological Information

Ecotoxicity Toxic to aquatic life with long lasting effects.

12.1. Toxicity

Toxicity No data available.

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1169

UN No. (IMDG) 1169

UN No. (ICAO) 1169

UN No. (ADN) 1169

14.2. UN proper shipping name

Proper shipping name (ADR/RID) EXTRACTS, AROMATIC, LIQUID

Proper shipping name (IMDG) EXTRACTS, AROMATIC, LIQUID

Proper shipping name (ICAO) EXTRACTS, AROMATIC, LIQUID

Proper shipping name (ADN) EXTRACTS, AROMATIC, LIQUID

14.3. Transport hazard class(es)

CATNIP OIL

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

Transport labels



14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS	F-E, S-D
ADR transport category	3
Emergency Action Code	3Y
Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Guidance	CHIP for everyone HSG228.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	04/05/2017
Revision	1

CATNIP OIL

SDS number	4926
Hazard statements in full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. 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. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.

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04/05/2017

Product Specification

PRODUCT DETAILS		
Product Name	CATNIP OIL	
Product Code	OECATN	
Synonyms	Nepeta catraia oil, Catmint Oil	
Country of Origin	India	
Tariff Number	33012941	
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural.	
Food Grade Status	N/A	
Kosher Certified	No	
Halal Certified	Suitable	
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.	
Identification	CAS No: 84929-35-1	EINECS No: 284-520-5
PHYSICAL AND CHEMICAL CHARACTERISTIC		
Appearance	Liquid	
Colour	Pale Yellow to Brown Yellow	
Odour	Fresh, Minty-Herbaceous with a sweet, woody/spicy undertone	
Relative Density @ 20°C	0.881 - 0.918	
Refractive Index @ 20°C	1.431 - 1.487	
Flash Point	56°	
Angular Rotation (°)	-15 to +15'	
FRAGRANCE ALLERGENS		
Geraniol (106-24-1) ≤1.0%	Farnesol (4602-84-0) ≤0.5%	Linalool (78-70-6) 1.0 - 5.0%
FOOD ALLERGENS		
N/A		
IFRA		
Geraniol (106-24-1) ≤1.0%	Farnesol (4602-84-0) ≤0.5%	Carvone (99-49-0) ≤1.0
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry	
Shelf Life	24 months unopened and stored as above.	

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Issue No: 1



Vegan Statement

IDENTIFICATION	
Product:	Catnip Oil
Cas No:	84929-35-1
EINECS No:	284-520-5
STATEMENT	
<p>We, MADAR Corporation Limited, from information received from our supplier, hereby declare that the material listed above is compliant with a vegan diet.</p> <p>It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.</p> <p>This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.</p>	