

Sleep Assisting – Essential Oil Blend

Issue/Revision Date: 18th November 2019



SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product Name:	Sleep Assisting
1.2 Category:	Essential Oil Blend
1.3 Product Code:	EOBCHILSLEEP
1.4 Synonyms:	None identified
1.5 AUSTRALIAN AICS Name:	Not allocated
1.6 USA INCI Name:	Not allocated
1.7 EU [CosIng] INCI Name:	Not allocated
1.8 EU [CosIng] Perfuming Name:	Not allocated
1.9 UN Proper Shipping Name:	Flammable liquid, n.o.s.
1.10 UN Technical Shipping Name:	[Lemon Oil / Marjoram Oil Blend]
1.11 UN Number:	1993
1.12 AUSTRALIAN Schedule Name:	Lemon Oil Blend.
1.13 Recommended Product Use:	Aromatherapy Oil.
1.14 Company:	NEW DIRECTIONS AUSTRALIA PTY LTD A.C.N. 052 973 743
1.15 Address:	47 Carrington Road, Marrickville, NSW 2204, AUSTRALIA
1.16 Telephone Number:	+612 8577 5999
1.17 Fax Number:	+612 8577 5977
1.18 Email:	nda@newdirections.com.au
1.19 Web Site:	www.newdirections.com.au
1.20 Emergency Contact:	Poisons Information Centre Sydney [T] 131126

SECTION 2 – HAZARDS IDENTIFICATION

Hazardous according to criteria of Safe Work Australia

Classified as Hazardous according to European Commission Regulation EC 1272/2008
Dangerous [Flammable] Good according to the Australian Dangerous Goods (ADG) Code
Dangerous [Flammable] Good according to the International Maritime Dangerous Goods (IMDG)
Dangerous [Flammable] Good according to the IATA Dangerous Goods Regulations
Class: 3; Subsidiary Risk: None; Packaging Group: II
NOT A SUSMP Scheduled Poison

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SECTION 2 – HAZARDS IDENTIFICATION CONTINUED

2.1 Hazardous Categories:

Physical Health	Flammable Liquid	Category 3	
	Acute Oral Toxicity	Category 5	
	Eye Irritation	Category 2A	
	Skin Irritation	Category 2	
	Skin Sensitisation	Category 1	
	Specific Target Organ Toxicity (Single Exposure)	Category 3 (respiratory tract irritation)	
	Specific Target Organ Toxicity (Repeated Exposure)	Category 2 (skin)	
	Aspiration Toxicity	Category 1	
	Environmental	Acute Aquatic Toxicity	Category 2
		Chronic Aquatic Toxicity	Category 2

2.2 Signal Word:

Danger



Flame GHS02; Health hazard GHS08; Exclamation mark GHS07; Environmental hazard GHS09

2.3 Hazard Statements:

H226	Flammable liquid and vapour.
H242	Heating may cause a fire.
H303	May Be 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.
H373	May cause skin dryness and cracking and dermatitis through prolonged or repeated contact with skin.
H411	Toxic to aquatic life with long lasting effects.
EUH044	Risk of explosion if heated under confinement.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH208	Contains d-Limonene [CAS no. 5989-27-5], Linalool [CAS no. 78-70-6], Citral [CAS no. 5392-40-5], Geraniol [CAS no. 106-24-1], Coumarin [CAS no. 91-64-5]. May produce an allergic reaction.

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SECTION 2 – HAZARDS IDENTIFICATION CONTINUED

2.4 Precautionary Statements:

- P101** If medical advice is needed, have product container or label at hand.
- P102** Keep out of the reach of children.
- P202** Do not handle until all safety precautions have been read and understood.
- P210** Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
- P233** Keep container tightly closed.
- P240** Ground/bond container and receiving equipment.
- P241** Use explosion-proof electrical, ventilating, lighting, ..., equipment.
- P243** Take precautionary measures against static discharges.
- P261** Avoid breathing fumes / mist / vapours / spray.
- P262** Do not get in eyes, on skin, or on clothing.
- P264** Wash face, hands and any exposed skin thoroughly after handling.
- P270** Do not eat, drink or smoke when using this product.
- P271** Use only outdoors or in a well-ventilated area.
- P272** Contaminated work clothing should not be allowed out of the workplace.
- P273** Avoid release to the environment.
- P280** Wear protective gloves/protective clothing/eye protection/face protection.
- P285** In case of inadequate ventilation wear respiratory protection.

2.5 Response Precautionary Statements:

- P301+P310+P330+P331** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting.
- P303+P352+P362** IF ON SKIN (or hair): Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse.
- P304+P340+P312** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P309+P311** IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician.
- P333+P313** If skin irritation or rash occurs: Get medical advice/attention.
- P370+P378+P260** In case of fire: Use Carbon Dioxide, Dry Chemical or Universal-Type Foam for extinction. Do not breathe fumes.
- P391** Collect spillage.

2.6 Storage Precautionary Statements:

- P403+P233+P235** Store in a well-ventilated place. Keep container tightly closed. Keep cool.
- P405+P410** Store locked up. Protect from sunlight.

2.7 Disposal Precautionary Statements:

- P501** Dispose of contents/container to an approved waste disposal plant.

2.8 Other:

None identified.

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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Ingredients:

Component Entity	CAS Number	EINECS Number	Proportions [%w/w]
Lavender Oil	8000-28-0	616-770-1	> 25% to ≤ 50%
Citrus Species Peel Oil Expressed (Lemon Oil)	94266-47-4 [EU] 8008-56-8 [AICS]	304-454-3	> 25% to ≤ 50%
Origanum Majorana Leaf Oil (Marjoiram Oil)	8015-01-8 [TSCA; AICS] 84082-58-6 [EU]	282-004-4	> 5% to ≤ 10%
Simmondsia Chinensis Seed Oil (Jojoba Oil)	61789-91-1 [TSCA; AICS] 90045-98-0 [EU]	289-964-3	> 5% to ≤ 10%
Anthemis Nobilis Flower Oil (Chamomile Roman Oil)	8015-92-7	616-968-8	> 0.1% to ≤ 1%

Main Constituents:	CAS Number	EINECS Number	Proportions [%w/w]
d-Limonene	5989-27-5	227-813-5	< 25%
Linalool	78-70-6	201-134-4	< 23%
Linalyl Acetate	115-95-7	204-116-4	< 16%
beta-Pinene	127-91-3	204-872-5	< 6%
4-Terpineol	562-74-3	209-235-5	< 6%
gamma-Terpinene	99-85-4	202-794-6	< 5%
beta-Caryophyllene	87-44-5	201-746-1	< 5%
alpha-Terpineol	98-55-5 [CTFA; AICS; ECHA]	202-680-6	< 4%
Eucalyptol	470-82-6	207-431-5	< 3%
Camphor	76-22-2	200-945-0	< 3%
Neryl Acetate	141-12-8	205-459-2	< 2%
Geranyl Acetate	105-87-3	203-341-5	< 2%
alpha-Pinene	80-56-8	201-291-9	< 2%
Borneol	507-70-0	208-080-0	< 2%

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SECTION 4 – FIRST AID MEASURES

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|------------------------------|---|
| 4.1 Eye Contact: | Flush immediately with clean water for at least 15 minutes. Ensure irrigation under eyelids. Do not try to remove contact lenses unless trained.
Contact a physician immediately. |
| 4.2 Skin Contact: | Remove any contaminated clothing and footwear. Clean before re-use. Wash affected areas thoroughly with soap and water for at least 15 minutes. Contact a physician as necessary. |
| 4.3 Inhalation: | Remove from the exposure to fresh air. If breathing has stopped, administer artificial respiration and oxygen if available. Contact a physician as necessary. |
| 4.4 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 unconscious.
Contact a physician or local poison control centre immediately.
If vomiting occurs, lean patient forward or place on left side [head-down position, if possible] to maintain open airway and prevent aspiration. |
| 4.5 For Advice: | Contact a Poisons Information Centre [Phone eg Australia 131126] or a doctor at once. |
| 4.6 Advice to Doctor: | Treat symptomatically. Note the nature of this product. |

SECTION 5 – FIRE FIGHTING MEASURES

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| 5.1 Extinguishing Media: | Carbon Dioxide; Dry Chemical; Water Fog; Alcohol Stable Foam. |
| 5.2 Unsuitable Extinguishing Media: | Water Spray; Others not established. |
| 5.3 Unusual Firefighting Hazards: | Burns with a colourless flame.
Others not identified. |
| 5.4 Special Procedures: | Determine the need to evacuate or isolate the area according to your local emergency plan. |
| 5.5 Protective Equipment: | Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals. |
| 5.6 Combustion Products: | Oxides of carbon. |
| 5.7 Contact Point: | Dial 000 Emergency in case of fire [In Australia]
or Local Emergency Authority [Out of Australia]. |

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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|---------------------------------------|--|
| 6.1 Personal Precautions: | Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8. |
| 6.2 Safety Precautions: | Eliminate ALL ignition sources. Ventilate area. Determine the need to evacuate or isolate the area according to your local emergency plan; |
| 6.3 Environmental Precautions: | Keep away from drains, surface and ground water.
Report spills to appropriate Authorities if required. |
| 6.4 Methods For Cleaning Up: | Contain 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. |

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SECTION 7 – HANDLING AND STORAGE

- 7.1 Handling:** Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use. No smoking.
- 7.2 Storage:** Containers should be kept closed in order to minimise contamination. Store in a cool, dry, well ventilated place protected from light. Keep from extreme heat and away from ALL sources of ignition. Make sure the material does not come into contact with substances listed as: “Materials to Avoid”, Refer to Section 10. Store in stainless steel drums or amber glass containers. For short term storage only: epoxy phenolic lined steel drums.
- 7.3 Unsuitable Packaging Materials:** None established.
- 7.4 Special Procedures:** None established.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Exposure Limits** There is a blanket recommendation of 10 mg/m³ for inspirable dusts or mists when limits have not otherwise been established.
- OSHA TWA:** None established.
OSHA STEL: None established.
ACGIH TWA: None established.
ACGIH STEL: None established.
NOHSC TWA: None established.
NOHSC STEL: None established.
- 8.2 Respiratory Protection:** None generally required. Use NIOSH approved respirator in confined areas or if ventilation is inadequate.
- 8.3 Ventilation Protection:** Ensure adequate ventilation to keep exposure levels to a minimum. Local exhaust meeting ACGIH criteria is required. General exhaust is recommended.
- 8.4 Eye Protection:** Using goggles or face shield is recommended.
- 8.5 Protective Gloves:** Using chemical resistant gloves is recommended.
- 8.6 Protective Clothing:** Using chemical resistant clothing is recommended.
- 8.7 Protective Equipment:** An eyewash fountain and / or safety shower should be available in the work area.
- 8.8 Special Engineering Controls:** None established.
- 8.9 Other Personal Protection:** Consult the following Australian Standards for general advice regarding safety clothing and equipment: Respiratory Equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS 2919**, Industrial Eye Protection: **AS 1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS 2210**.
- 8.10 Note:** These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional precautions.

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<p>9.1 Appearance:</p> <p>9.2 Odour:</p> <p>9.3 Specific Gravity:</p> <p>9.4 Refractive Index:</p> <p>9.5 Optical Rotation:</p> <p>9.6 pH:</p> <p>9.7 Solubility:</p> <p>9.8 Solubility in Water:</p> <p>9.9 Flash Point:</p> <p>9.10 Flammability Limits [as % v/v in Air]</p> <p style="padding-left: 20px;">Lower Explosion Limit:</p> <p style="padding-left: 20px;">Upper Explosion Limit:</p> <p>9.11 Autoignition Temperature:</p> <p>9.12 Melting Point:</p> <p>9.13 Boiling Range:</p> <p>9.14 Vapour Pressure:</p> <p>9.15 Vapour Density:</p> <p>9.16 Viscosity:</p>	<p>Liquid</p> <p>Characteristic</p> <p>Not available.</p> <p>Not available.</p> <p>Not available.</p> <p>Not available.</p> <p>Not available.</p> <p>Insoluble</p> <p>48°C [Closed Cup]</p> <p>Not available.</p> <p>Not available.</p> <p>Not available.</p> <p>Not available.</p> <p>Not available.</p> <p>Not available.</p> <p>Not available.</p> <p>Not available.</p> <p>Not available.</p>
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SECTION 10 – STABILITY AND REACTIVITY

<p>10.1 Stability:</p> <p>10.2 Conditions to Avoid:</p> <p>10.3 Materials to Avoid:</p> <p>10.4 Flammability:</p> <p>10.5 Hazardous Polymerization:</p> <p>10.6 Hazardous Combustion or Decomposition Products:</p>	<p>Chemically stable, hazardous material. This material presents no significant reactivity hazard.</p> <p>None established.</p> <p>Strong acids, strong alkalis and oxidizing agents.</p> <p>Flammable liquid.</p> <p>Will not occur.</p> <p>Carbon monoxide and unidentified organic compounds may be formed during combustion.</p>
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SECTION 11 – TOXICOLOGICAL INFORMATION

11.1 Health Hazards	
<p>Acute Effects:</p> <p style="padding-left: 20px;">Swallowed:</p> <p style="padding-left: 20px;">Eye:</p> <p style="padding-left: 20px;">Skin:</p> <p style="padding-left: 40px;">Inhalation:</p> <p>Chronic Effects:</p> <p>Mutagenic Effects:</p> <p>Reproductive Effects:</p> <p>Carcinogenic Effects:</p> <p>Sensitisation:</p> <p>Infectious:</p>	<p>Harmful, May cause lung damage if swallowed.</p> <p>Severe irritant.</p> <p>Irritant. May cause erythema, irritation or oedema. Repeated or prolonged skin contact may lead to allergic contact dermatitis in some users.</p> <p>May be harmful.</p> <p>None identified.</p> <p>None identified.</p> <p>None identified.</p> <p>None identified.</p> <p>None identified.</p> <p>Not applicable.</p>

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SECTION 11 – TOXICOLOGICAL INFORMATION CONTINUED			
11.2 Acute Toxicity			
Significant Components	LD50 [Oral]	LD50 [Dermal]	LC50 [Inhalation]
Lavender Oil	> 3,400 mg/Kg [Calc.].	Not available.	Not available.
Citrus Species Peel Oil Expressed (Lemon Oil)	> 4,200 mg/Kg [Calc.].	Not available.	Not available.
Origanum Majorana Leaf Oil (Marjoiram Oil)	2,240 mg/Kg [Rat].	> 5,000 mg/Kg [Rabbit].	Not available.
Simmondsia Chinensis Seed Oil (Jojoba Oil)	Not available.	Not available.	Not available.
Anthemis Nobilis Flower Oil (Chamomile Roman Oil)	> 5,000 mg/Kg [Rat].	> 5,000 mg/Kg [Rabbit].	Not available.
Main Constituents			
d-Limonene	4,400 mg/Kg [Rat]. 5,600 mg/Kg [Mouse].	> 5,000 mg/Kg [Rabbit].	Not available.
Linalool	2,790 mg/Kg [Rat]. 2,200 mg/Kg [Mouse].	5,610 mg/Kg [Rat]. 5,610 mg/Kg [Rabbit].	Not available.
Linalyl Acetate	13,934 mg/Kg [Rat]. 12,000 mg/Kg [Mouse].	Not available.	Not available.
beta-Pinene	4,700 mg/Kg [Rat].	> 5,000 mg/Kg [Rabbit].	Not available.
4-Terpineol	1,016 mg/Kg [Mouse]. 1,300 mg/Kg [Rat].	> 2,500 mg/Kg [Rabbit].	Not available.
gamma-Terpinene	3,650 mg/Kg [Rat].	Not available.	Not available.
beta-Caryophyllene	> 5,000 mg/Kg [Rat].	Not available.	Not available.
alpha-Terpineol	2,830 mg/Kg [Mouse]. 3,200 mg/Kg [Rat].	Not available.	Not available.
Eucalyptol	2,480 mg/Kg [Rat].	> 5,000 mg/Kg [Rabbit].	Not available.
Camphor	1,310 mg/Kg [Mouse].	Not available.	Not available.
Neryl Acetate	> 5,000 mg/Kg [Rat].	> 5,000 mg/Kg [Rabbit].	Not available.
Geranyl Acetate	6,330 mg/Kg [Rat]. 8,000 mg/Kg [Mouse].	Not available.	Not available.
alpha-Pinene	3,700 mg/Kg [Rat].	> 5,000 mg/Kg [Rabbit].	Not available.
Borneol	500 mg/Kg [Rat]. 1,059 mg/Kg [Mouse].	Not available.	Not available.
Sleep Assisting – Essential Oil Blend	> 3,500 mg/Kg [Estimated from above].	Not available.	Not available.

11.3 Short Term Toxicity: Not available.

11.4 Long Term Toxicity: Not available.

11.5 Human Exposure Tests: Not available.

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SECTION 11 – TOXICOLOGICAL INFORMATION CONTINUED

11.6 SCCNFP Allergens Annex III – Cosmetic Directive 2003/15/EC [7th amendment]. Detection Limit 0.001%.

CONSTITUENT	IFRA	EFFA	CAS Number	EINECS Number	RANGE
Amyl Cinnamal:	YES	NO	122-40-7	204-541-5	Not Detected
Amylcinnamyl Alcohol:	YES	NO	101-85-9	202-982-8	Not Detected
Anise Alcohol:	NO	YES	105-13-5	203-273-6	Not Detected
Benzyl Alcohol:	NO	YES	100-51-6	202-859-9	Not Detected
Benzyl Benzoate:	NO	YES	120-51-4	204-402-9	Not Detected
Benzyl Cinnamate:	NO	YES	103-41-3	203-109-3	Not Detected
Benzyl Salicylate:	NO	YES	118-58-1	204-262-9	Not Detected
Cinnamal:	YES	YES	104-55-2	203-213-9	Not Detected
Cinnamyl Alcohol:	YES	YES	104-54-1	203-212-3	Not Detected
Citral:	YES	YES	5392-40-5	226-394-6	< 0.9%
Citronellol:	NO	YES	106-22-9	203-375-0	Not Detected
Coumarin:	NO	YES	91-64-5	202-086-7	< 0.05%
Eugenol:	YES	YES	97-53-0	202-589-1	Not Detected
Farnesol:	YES	YES	4602-84-0	225-004-1	Not Detected
Geraniol:	NO	YES	106-24-1	203-377-1	< 0.05%
Hexyl Cinnamal:	YES	NO	101-86-0	202-983-3	Not Detected
Hydroxycitronellal:	YES	NO	107-75-5	203-518-7	Not Detected
Isoeugenol:	YES	YES	97-54-1	202-590-7	Not Detected
Butylphenyl Methylpropional:	YES	NO	80-54-6	201-289-8	Not Detected
d-Limonene:	YES	YES	5989-27-5	227-813-5	< 25.0%
Linalool:	YES	YES	78-70-6	201-134-4	< 23.0%
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde:	NO	NO	31906-04-4	250-863-4	Not Detected
Methyl 2-Octynoate:	YES	NO	111-12-6	203-836-6	Not Detected
alpha-Isomethyl Ionone:	YES	NO	127-51-5	204-846-3	Not Detected
			90028-68-5	289-861-3	
Evernia Prunastri Extract [Oakmoss]:	YES	NO	9000-50-4		Not Detected
			68917-10-2		
			90028-67-4	289-860-8	
Evernia Furfuracea Extract [Treemoss]:	YES	NO	68648-41-9		Not Detected
			68917-40-8		

11.7 Additional EFFA Listed Sensitisers & IFRA Notifiable Substances. Detection Limit 0.001%.

CONSTITUENT	IFRA	EFFA	CAS Number	EINECS Number	RANGE
Amylvinylcarbiny acetate:	YES	YES	2442-10-6	219-474-7	< 0.5%
7-Methoxycoumarin:	YES	YES	531-59-9	208-513-3	< 0.01%

SECTION 12 – ECOLOGICAL INFORMATION

12.1 Eco-toxicity:	Avoid pollution to soil, rivers and the ocean. Others not established.
12.2 Persistence & Degradability:	Low persistence level and readily biodegradable.
12.3 Mobility:	Low mobility in the soil.
12.4 Bio-accumulative Potential:	None established.
12.5 Other Adverse Effects:	None established.

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SECTION 13 – DISPOSAL CONSIDERATIONS

- 13.1 Waste Material:** Place material and / or absorbent into sealed containers and dispose of in accordance with current applicable laws and regulations.
Refer to local Authority advice.
- 13.2 Contaminated Packaging:** Dispose of in accordance with current applicable laws and regulations.
Refer to local Authority advice.
- 13.3 Note:** Empty containers can have residues, gases and mists.
Use the proper Waste Disposal Methods & Procedures for Empties as well.

SECTION 14 – TRANSPORT INFORMATION

- 14.1 Transportation:** Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods [ADG] Code for Transport by Road and Rail. Transport as per the “Australian Dangerous Goods [ADG] Code” for Class 3 [Flammable Liquids], Packaging Group II Substances.
Not to be transported with Classes 1 [Explosives], 2.1 [Flammable Gases] [nb this applies only when the capacity of individual container exceeds 500 Lt], 2.3 [Toxic Gases], 4.2 [Spontaneously Combustible Substances], 5.1 [Oxidising Agents], 5.2 [Organic Peroxides], 7 [Radioactive Substances], and Foodstuffs or Foodstuff empties.
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- 14.2 UN Number:** 1993
- 14.3 Proper Shipping Name:** Flammable liquid, n.o.s.
- 14.4 Technical Shipping Name:** [Lemon Oil / Marjoram Oil Blend]
- 14.5 DG Class / Subsidiary Risk:** Class 3 ; no subsidiary risk.
- 14.6 Label(s):** Flammable liquid
Environmentally hazardous substance mark
- 14.7 Packaging Group:** III
- 14.8 Special Precautions:** None established.
- 14.9 Hazchem Code:** 3Y

14.10 Maritime Transportation IMDG		14.11 Air Transportation ICAO-TI and IATA-DGR	
IMDG Class:	Class 3 ; no subsidiary risk.	ICAO / IATA Class:	Class 3 ; no subsidiary risk.
Label(s):	Flammable liquid Marine pollutant mark	Label(s):	Flammable liquid Environmentally hazardous substance mark
UN Number:	1993	UN Number:	1993
Packaging Group:	III	Packaging Group:	III
EMS Number:	F-E, S-E		
Marine Pollutant:	YES		
Proper Shipping Name:	Flammable liquid, n.o.s.	Proper Shipping Name:	Flammable liquid, n.o.s.
Technical Shipping Name:	[Lemon Oil / Marjoram Oil Blend]	Technical Shipping Name:	[Lemon Oil / Marjoram Oil Blend]

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SECTION 15 – REGULATORY INFORMATION

15.1 SUSMP Schedule:	5	CAUTION.
15.2 SUSMP Name:		Lemon Oil Blend.
15.3 Warning Statements:	89	Application to skin may increase sensitivity to sunlight.
15.4 Safety Directions:	1	Avoid contact with eyes.
	3	Wear eye protection when mixing or using.
	5	Wear protective gloves when mixing or using.
	6	Wash hands after use.
	8	Avoid breathing spray, mist / fumes.
	10	Ensure adequate ventilation when using.
	11	No smoking.
	15	Store under cover in a dry, clean, cool, well ventilated place away from sunlight.
	23	Keep away from heat, sparks and naked flames.
	25	Avoid contact with food.
15.5 Standard Statements:	A	For advice, contact a Poisons Information Centre [Phone eg Australia 131126; New Zealand 0800 764 766] or a doctor at once.
	G3	If swallowed, do NOT induce vomiting.
15.6 AICS:		This product's ingredients are listed on the Public AICS Database.
15.7 NZIoC:		This product's ingredients are listed on the NZIoC Database.
15.8 HSNO:		Not allocated

16. ADDITIONAL INFORMATION

16.1 Issue Date: 18th November 2019 **First issue according to Safe Work Australia GHS Code of Practice**

16.2 Revision Date: Not applicable

16.3 QUALITY DECLARATION

At New Directions we firmly believe that Quality Control is of the utmost importance and it is imperative that the most meticulous tests are carried out for every product in our range.

Uncompromising quality is a responsibility, which we take seriously.

New Directions' commitment to quality is coordinated by our in-house Qualified Aromatherapist, Chief Chemist and Quality Control Chemist.

The most rigorous processes are implemented to determine the purity and potency of sourced oils & raw materials.

By maintaining this intense level of Quality Control and Developing New Methods & Techniques, New Directions can ensure Superior Quality Products.

This Sleep Assisting – Essential Oil Blend has been tested and it conforms to our High Standard Quality requirements.

16.4 Data Sources: AICS; Australian Code for the Transport of Dangerous Goods by Road & Rail; CosIng; Supplier Documentation; ECHA; HSIS; IATA Dangerous Goods Regulations; IFRA; IMDG Code; The International Cosmetic Ingredient Dictionary and Handbook; NICNAS; SUSMP; NZIoC; Safe Work Australia.

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16. ADDITIONAL INFORMATION CONTINUED**16.5 ANIMAL TESTING POLICY DECLARATION**

In the long ago past [before the concern over animal testing] some of the excipients and some of the actives have been tested on animals. This is no longer conducted for these components.

Both the TGA and NICNAS [Australian regulatory agencies which control the use of ALL ingredients used in therapeutics and cosmetics, respectively] require toxicity and safety testing on ALL new raw materials before they will allow their use in Australia.

While the industry is developing non-animal test methods this still does not completely eliminate the need for animal testing. When available the industry uses these alternate tests in preference to animal testing.

Typically these initial tests on a new substances will occur in the UK or USA in accordance with the regulatory agencies there, 5 to 10 years before the material is used in Australia. Based on these initial results, new substances are usually approved by the Australian regulatory agencies for use without further animal testing being required.

New Directions Australia does not test raw materials on animals, neither initially or as a routine test, [nor by outside sources our behalf].

The product Suppliers for New Directions Australia do not test their products on animals, neither initially or as a routine test.

None of New Directions Australia finished formulations are tested on animals, either initially or as a routine test, except, of course, humans in controlled efficacy tests and against bacteria in preservative efficacy testing.

New Directions Australia's Animal Cruelty-Free Policy extends to using ingredients and raw materials from vegetable sources whenever possible.

16.6 DISCLAIMER

This Safety Data Sheet was prepared according to: Safe Work Australia's Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals, [Publication date: 23/12/2011].

The information contained in this Safety Data Sheet is obtained from current and reliable sources. New Directions Australia Pty Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product, but does not claim to be all inclusive. This document is thus, intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. As the ordinary or otherwise use(s) of this product is outside the control of New Directions Australia Pty Ltd., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. New Directions Australia Pty Ltd expressly disclaims responsibility as to the ordinary or otherwise use(s). Furthermore, nothing contained herein should be considered as a recommendation by New Directions Australia Pty Ltd as to the fitness for any use. The liability of New Directions Australia Pty Ltd is limited to the value of the goods and does not include any consequential loss. New Directions Australia Pty Ltd shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. New Directions Australia Pty Ltd shall not be responsible for any damages resulting from use of or reliance upon this information. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties.

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16. ADDITIONAL INFORMATION CONTINUED

16.7 MANUFACTURED PRODUCTS INGREDIENT DISCLAIMER

As the availability of ingredients and raw materials is not always certain whether due to changes in nature or otherwise, New Directions Australia Pty Ltd reserves the right to substitute alternate ingredients/raw materials in the manufacture of its products and bases in order to maintain supply to its customers. Customers should always refer to the ingredients label as affixed to each product or to specification sheets which are current at the time of supply of the product.

16.8 LABELLING DISCLAIMER

New Directions Australia Pty Ltd is a wholesaler of natural skin care products. If you intend to re-label our products under your own name/brand for the purpose of on-selling or retailing, we thoroughly recommend that you keep up to date with constant changing labelling laws. Please visit www.accc.gov.au or www.nicnas.gov.au. New Directions Australia Pty Ltd cannot be held responsible for consequential loss/product recall due to incorrect labelling.

16.9 ACRONYMS

<	less than
>	greater than
°C	degrees Celsius
ACCC	Australian Competition and Consumer Commission
ADG	Australian Dangerous Goods
AICS	Australian Inventory of Chemical Substances
ACGIH	American Conference of Governmental Industrial Hygienists
AS	Australian Standard
BOD	Biochemical Oxygen Demand
CAS	Chemical Abstracts Service (Registry Number)
cm ³	cubic centimetres
COD	Chemical Oxygen Demand
CosIng	The European Commission database with information on Cosmetic Ingredients & Substances
DG	Dangerous Goods
EC	European Commission
EC50	EC stands for effective concentration. EC50 refers to the concentration of a toxicant which induces a response halfway between the baseline and maximum after a specified exposure time.
EFFA	European Flavour Association
EINECS	European Inventory of Existing Commercial Chemical Substances (Identifying Number)
EU	Europe / European Union
g	gram
GHS	The Globally Harmonized System of Classification and Labelling of Chemicals
GMO	Genetically modified organism
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially fire fighters
hr	Hour
HSIS	The Safe Work Australia Hazardous Substances Information System
HSNO	Hazardous Substances Approval Code
IATA	The International Air Transport Association
ICAO	The International Civil Aviation Organization
IFRA	The International Fragrance Association
IMDG	International Maritime Dangerous Goods
INCI	The International Nomenclature of Cosmetic Ingredients

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16. ADDITIONAL INFORMATION CONTINUED

16.9 ACRONYMS CONTINUED

ISO	International Organization for Standardization
kg	kilogram
LC50	LC stands for lethal concentration. LC50 is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours. This is normally quoted in mg/kg body weight.
LD50	LD stands for Lethal Dose. LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals. This is normally quoted in mg/kg body weight.
LDLo	LDLO stands for Lethal Dose Low, the minimum amount of a material which tests have shown will be lethal to a specified type of animal. This is normally quoted in mg/kg body weight.
Lt	Litre
Max.	maximum
mg	milligram
Min.	minimum
ml	millilitre
m³	cubic metre
mm	millimetre
mm Hg	millimetre of Mercury
N/A	Not Applicable
NICNAS	The National Industrial Chemicals Notification and Assessment Scheme (AUSTRALIA)
NIOSH	The National Institute for Occupational Safety and Health (USA)
NOHSC	National Occupational Health and Safety Commission (AUSTRALIA)
n.o.s.	Not otherwise specified
NZS	New Zealand Standard
NZIoC	New Zealand Inventory of Chemicals
OECD	Organization for Economic Co-operation and Development (Test Method number)
OSHA	The Occupational Safety and Health Administration (USA)
PEL	Permissible Exposure Limit
ppb	parts per billion
ppm	parts per million
RTECS	The Registry of Toxic Effects of Chemical Substances
SCCNFP	Scientific Committee on Cosmetic Products and Non-Food Products (EUROPE)
SDS	Safety Data Sheet
STEL	Short Term Exposure Limit
Subsp.	Subspecies
SUSMP	Standard for the Uniform Scheduling of Medicine & Poisons (AUSTRALIA)
TD	TD stands for Toxic Dose. TD is the amount of a material, given all at once, which causes the untoward symptoms in the majority of persons, or in the majority of a group of test animals. This is normally quoted in mg/kg body weight.
TGA	Therapeutic Goods Administration (AUSTRALIA)
TLV	Threshold Limit Value
TWA	Time Weighted Average
UK	United Kingdom
UN	United Nations
USA	The United States of America
µg	microgram
µl	microlitre

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