

CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION AND COMPOSITION

Product Name: Relaxation – Essential Massage Blend

Botanical Name: Not applicable Product Code: MBRELA 4369706

Country of Origin: United Kingdom **Expiry Date:** August 2021

Ingredients:

Component Entity	CAS Number	EINECS Number	Proportions [%w/w]
Glycine Soja Oil (Soya Bean Oil)	8001-22-7	232-274-4	85% to 95%
Lavandula Angustifolia Oil (Lavender Oil)	8000-28-0	Not allocated	< 3%
Tocopherol (Natural Vitamin E)	59-02-9	200-412-2	< 1%
Triticum Aestivum Germ Oil (Wheatgerm	84012-44-2 [EU]	281-689-7	< 1%
Oil)	68917-73-7 [TSCA; AICS]		
Citrus Reticulata Peel Oil (Mandarin Oil)	8008-31-9	Not allocated	< 1%
Origanum Majorana Leaf Oil (Marjoram	8015-01-8 [TSCA; AICS]		< 1%
Oi <u>l</u>)	84082-58-6 [EU]	282-004-4	
Pogostemon Cablin Oil (Patchouli Oil)	8014-09-3	Not allocated	< 1%
Pelargonium Graveolens	90082-51-2 [TSCA; EU]	290-140-0	< 1%
Flower/Leaf/Stem Extract (Geranium Oil)	8000-46-2 [AICS]		
Simmondsia Chinensis Seed Oil (Jojoba	61789-91-1 [TSCA; AICS]		< 1%
Oil)	90045-98-0 [EU]	289-964-3	
Anthemis Nobilis Flower Oil (Chamomile Roman Oil)	8015-92-7	Not allocated	< 1%
Main Constituents:	CAS Number	EINECS Number	Proportions [%w/w]
d-Limonene	5989-27-5	227-813-5	< 1%

Uses: Body Massage Oil.

PHYSICAL AND CHEMICAL PROPERTIES			
TEST	SPECIFICATION	RESULT	
Appearance: Odour:	Clear,yellow oily liquid Characteristic aroma	Conforms Conforms	



Relaxation Massage Blend Issue/Revision Date: 4th December 2016

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product Name: Relaxation Massage Blend

1.2 Product Code: **MBRELA** 1.3 Synonyms: None identified 1.4 AUSTRALIAN AICS Name: Not allocated 1.5 USA INCI Name: Not allocated Not allocated 1.6 EU [Cosing] INCI Name: 1.7 EU [Cosing] Perfuming Name: 1.8 UN Proper Shipping Name: Not allocated Not applicable 1.9 UN Technical Shipping Name: Not applicable 1.10 UN Number: Not applicable 1.11 AUSTRALIAN Schedule Name: Not Scheduled 1.12 Recommended Product Use: Massage oil.

1.13 Company: MADAR Corporation Limited

1.14 Address: 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA

1.15 Telephone Number: +44 1425 655555

1.16 Email: sales@madarcorporation.co.uk

1.18 Web Site: Cosmetic Butters, Mystic Moments, New Directions, World of Moulds

SECTION 2 - HAZARDS IDENTIFICATION

Not classified as Hazardous according to criteria of Safe Work Australia

Not Classified as Hazardous according to European Commission Regulation EC 1272/2008

Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code

Not a Dangerous Good according to the International Maritime Dangerous Goods (IMDG)

Not a Dangerous Good according to the IATA Dangerous Goods Regulations

Class: C1 Combustible Liquid NOT A SUSMP Scheduled Poison

2.1 Hazardous Categories:

Physical No Category
Health No Category
Environmental No Category

2.2 Signal Word:

Not applicable

2.3 Hazard Statements:

Not allocated

2.4 Precautionary Statements:

Not allocated

2.5 Response Precautionary Statements:

Not allocated

2.6 Storage Precautionary Statements:

Not allocated

2.7 Disposal Precautionary Statements:

Not allocated

2.11 Other:

Combustion Products are harmful if inhaled and can irritate the eyes & respiratory system. Contact with heated material may result in burns.

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SECTION 3 - COMPOSITION / INFORMA	TION ON INGREDIENTS		
3. 1Ingredients:			
Component Entity	CAS Number	EINECS Number	Proportions [%w/w]
Glycine Soja Oil (Soya Bean Oil)	8001-22-7	232-274-4	85% to 95%
Lavandula Angustifolia Oil (Lavender Oil)	8000-28-0	Not allocated	< 3%
Tocopherol (Natural Vitamin E)	59-02-9	200-412-2	< 1%
Triticum Aestivum Germ Oil (Wheatgerm		281-689-7	< 1%
Oil)	68917-73-7 [TSCA; AICS]		
Citrus Reticulata Peel Oil (Mandarin Oil)	8008-31-9	Not allocated	< 1%
Origanum Majorana Leaf Oil (Marjoram	8015-01-8 [TSCA; AICS]		< 1%
Oil)	84082-58-6 [EU]	282-004-4	
Pogostemon Cablin Oil (Patchouli Oil)	8014-09-3	Not allocated	< 1%
Pelargonium Graveolens	90082-51-2 [TSCA; EU]	290-140-0	< 1%
Flower/Leaf/Stem Extract (Geranium Oil)	8000-46-2 [AICS]		
Simmondsia Chinensis Seed Oil (Jojoba	61789-91-1 [TSCA; AICS]		< 1%
Oil)	90045-98-0 [EU]	289-964-3	
Anthemis Nobilis Flower Oil (Chamomile	8015-92-7	Not allocated	< 1%
Roman Oil)			
Main Constituents:	CAS Number	EINECS Number	Proportions [%w/w]
d-Limonene	5989-27-5	227-813-5	< 1%

SECTION 4 - FIRST AID MEASURES

4.1Eye 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.

4.3Inhalation: 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 unconsciousness.

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

4.6 Advice to Doctor: Treat symptomatically. Note the nature of this product.

SECTION 5 - FIRE FIGHTING MEASURES

5.1 Extinguishing Media: Carbon Dioxide; Dry Chemical; Universal-Type Foam.

5.2 Unsuitable Extinguishing Media: Water Spray, Others not established.

5.3 Unusual Firefighting Hazards: None 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 999 Emergency in case of fire [In UK]

or Local Emergency Authority

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

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.

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:
OSHA STEL:
ACGIH TWA:
ACGIH STEL:
None established.
NOHSC TWA:
NOHSC STEL:
None established.
NOHSC STEL:
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:
8.5 Protective Gloves:
8.6 Protective Clothing:
Using goggles or face shield is recommended.
Using chemical resistant gloves is recommended.
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

Liquid 9.1 Appearance: Characteristic 9.2 Odour: 9.3 Specific Gravity: Not available. 9.4 Refractive Index: Not available. Not available. 9.5 Optical Rotation: 9.6 pH: Not available.

9.7 Solubility: Soluble in vegetable oils

9.8 Solubility in Water: Insoluble 9.9 Flash Point: Not available.

9.10 Flammability Limits [as % v/v in Air]

Lower Explosion Limit: Not available. **Upper Explosion Limit:** Not available. 9.11 Autoignition Temperature: Not available. 9.12 Melting Point: Not available 9.13 Boiling Range: Not available. Not available. 9.14 Vapour Pressure: 9.15 Vapour Density: Not available. 9.16 Viscosity: Not available.

SECTION 10 - STABILITY AND REACTIVITY

10.1 Stability: Chemically stable, non-hazardous material.

This material presents no significant reactivity hazard.

10.2 Conditions to Avoid: None established.

10.3 Materials to Avoid: Strong acids, strong alkalis and oxidizing agents.

10.4 Flammability: Combustible liquid. 10.5 Hazardous Polymerization: Will not occur.

10.6 Hazardous Combustion or Carbon monoxide and unidentified organic compounds may be formed during

Decomposition Products: combustion.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Health Hazards

Chronic Effects:

Sensitisation:

Infectious:

Acute Effects: Swallowed: May be harmful.

Eye: May be irritating. Skin: May be irritating. Inhalation: May be harmful. None identified. None identified. **Mutagenic Effects:** Reproductive Effects: None identified. Carcinogenic Effects: None identified. None identified.

Not applicable.

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11.2 Acute Toxicity			
Significant Components	LD50 [Oral]	LD50 [Dermal]	LC50 [Inhalation]
Glycine Soja Oil (Soya Bean Oil)	Not available.	Not available.	Not available.
Lavandula Angustifolia Oil (Lavender Oil)	> 2,700 mg/Kg [Calc.].	> 5,000 mg/Kg [Calc.].	Not available.
Tocopherol (Natural Vitamin E)	> 25,000 µL/Kg [Mouse].	Not available.	Not available.
Triticum Aestivum Germ Oil (Wheatgerm Oil)	Not available.	Not available.	Not available.
Citrus Reticulata Peel Oil (Mandarin Oil)	> 5,000 mg/Kg [Rat].	> 5,000 mg/Kg [Rabbit].	Not available.
Origanum Majorana Leaf Oil (Marjoram Oil)	2,240 mg/Kg [Rat].	> 5,000 mg/Kg [Rabbit].	Not available.
Pogostemon Cablin Oil (Patchouli Oil)	> 5,000 mg/Kg [Rat].	> 5,000 mg/Kg [Rabbit].	Not available.
Pelargonium Graveolens Flower/Leaf/Stem Extract (Geranium Oil)	> 5,000 mg/Kg [Rat].	> 5,000 mg/Kg [Guinea Pig]. 2,500 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 Constituent		_	
d-Limonene	4,400 mg/Kg [Rat]. 5,600 mg/Kg [Mouse].	> 5,000 mg/Kg [Rabbit].	Not available.
Relaxation Massage Blend	Not available.	Not available.	Not available.

SECTION 11 - TOXICOLOGICAL INFORMATION CONTINUED

11.3 Short Term Toxicity:Not available.11.4 Long Term Toxicity:Not available.11.5 Human Exposure Tests:Not available.

11.6 SCCNFP Aller ens Annex III – Cosr 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-	226-394-6	< 0.005%
Citronellol:	NO	YES	106-22-9	203-375-0	< 0.2%
Coumarin:	NO	YES	91-64-5	202-086-7	Not Detected
Eugenol:	YES	YES	97-53-0	202-589-1	Not Detected
Farnesol:	YES	YES	4602-	225-004-1	Not Detected
Geraniol:	NO	YES	106-24-1	203-377-1	< 0.09%
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	598 9-	227-813-5	< 1.0%
Linalool:	YES	YES	78-70-6	201-134-4	< 0.8%
Hydroxyisohexyl 3-Cyclohexene	NO	NO	31906-	250-863-4	Not Detected
Carboxaldehyde:					
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-		Not Detected
			68917-10-2		
			90028-67-4	289-860-8	
Evernia Furfuracea Extract [Treemoss]:	YES	NO	686 48-		Not Detected
	•		68917-40-8		

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SECTION 12 - ECOLOGICAL INFORMATION

12.1 Eco-toxicity: None established. Avoid pollution to soil, rivers and the ocean.

12.2 Persistence & Degradability: Low persistence level and readily biodegradable.

12.3 Mobility: Low mobility in the soil.
12.4 Bio-accumlative Potential: None established.
12.5 Other Adverse Effects: None established.

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: Not Dangerous Goods according to criteria of the Australian Dangerous Goods

Code for Transport by Road and Rail. No special transport required.

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.

14.2 UN Number: Not allocated. 14.3 Proper Shipping Name: Not Regulated. 14.4 Technical Shipping Name: Not applicable 14.5 DG Class / Subsidiary Risk: Not allocated. 14.6 Label(s): Not allocated. 14.7 Packaging Group: Not allocated. 14.8 Special Precautions: None established. 14.9 Hazchem Code: Not allocated.

14.10 Maritime Transportation IMDG 14.11 Air Transportation ICAO-TI and IATA-DGR

IMDG Class: Not allocated. ICAO / IATA Class: Not allocated. Label(s): Not allocated. Label(s): Not allocated. Not allocated. **UN Number:** Not allocated. **UN Number:** Not allocated. Packaging Group: Packaging Group: Not allocated.

EMS Number: Not allocated. Marine Pollutant: Not allocated.

Proper Shipping Name:Not Regulated.Proper Shipping Name:Not Regulated.Technical Shipping Name:Not applicableTechnical Shipping Name:Not applicable

SECTION 15 - REGULATORY INFORMATION

15.1 SUSMP Schedule:Not Scheduled.15.2 SUSMP Name:Not allocated.15.3 Warning Statements:Not allocated.

15.4 Safety Directions: 1 Avoid contact with eyes.

Wear eye protection when mixing or using.Wear protective gloves when mixing or using.

6 Wash hands after use.

8 Avoid breathing spray, mist / fumes.

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 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.

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16. ADDITIONAL INFORMATION

16.1 Issue Date: 4th December 2016 First issue according to Safe Work Australia GHS Code of Practice

16.2 Revision Date: Not applicable

16.3 QUALITY DECLARATION

At MADAR Corporation Ltd 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.

This Relaxation Massage 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; EFFA; HSIS; IATA Dangerous Goods Regulations; IFRA; IMDG Code; The International Cosmetic Ingredient Dictionary and Handbook; NICNAS; SUSMP; NZIOC; Safe Work Australia.

16.5 ANIMAL TESTING POLICY DECLARATION

MADAR Corporation Ltd does not test raw materials on animals, neither initially or as a routine test, [nor by outside sources our behalf].

The product Suppliers for MADAR Corporation Ltd do not test their products on animals, neither initially or as a routine test.

None of MADAR Corporation Ltd 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.

MADAR Corporation Ltd's Animal Cruelty-Free Policy extends to using ingredients and raw materials from vegetable sources whenever possible.

16.6 DISCLAIMER

The information contained in this Safety Data Sheet is obtained from current and reliable sources. MADAR Corporation 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 MADAR Corporation 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. MADAR Corporation Ltd expressly disclaims responsibility as to the ordinary or otherwise use(s). Furthermore, nothing contained herein should be considered as a recommendation by MADAR Corporation Ltd as to the fitness for any use. The liability of MADAR Corporation Ltd is limited to the value of the goods and does not include any consequential loss. MADAR Corporation Ltd shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. MADAR Corporation 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, MADAR Corporation 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

MADAR Corporation 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. MADAR Corporation Ltd cannot be held responsible for consequential loss/product recall due to incorrect labelling.

16.9 ACRONYMS

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)

cm³ cubic centimetres

COD Chemical Oxygen Demand

Cosing The European Commission database with information on Cosmetic Ingredients & Substances

DG Dangerous Goods
EC European Commission

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

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
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 LC50

LDLo

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 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 maximum Max. milligram ma Min. minimum millilitre ml cubic metre m³ mm millimetre

mm Hg millimetre of Mercury Not Applicable N/A

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)

Not otherwise specified n.o.s. New Zealand Standard NZS

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

parts per billion ppb 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 stands for Toxic Dose. TD is the amount of a material, given all at once, which causes the TD

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)

Threshold Limit Value TLV **TWA** Time Weighted Average UK

United Kingdom United Nations UN

The United States of America **USA**

microgram μg microlitre μl