

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product Identifier**

Product name : Clean Ears Kids 30mL
Clean Ears 30mL
Product Number/Code : SCU-CleanEars

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

Identified Uses : Concentrated materials for manufacturing purposes only.

1.3 Details of the supplier of the safety data sheet

Company : Logikal Health Products Pty. Ltd.
18-20 Accolade Avenue
MORISSET NSW 2264
AUSTRALIA
Telephone : 02 4970 5335
Email : info@logikalhealth.com

1.4 Emergency telephone number

Emergency Phone # : 02 4970 5335

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

AH 1 : Aspiration Hazard, Category 1
FL 4 : Flammable liquid, Category 4
ATO 5 : Acute toxicity, oral, Category 5
SCI 2 : Skin corrosion/irritation , Category 2
SS 1 : Skin sensitization, Category 1
EH A2 : Aquatic hazard, acute, Category 2
EH C2 : Aquatic hazard, chronic, Category 2

2.2 Label Elements

GHS Classification according to Regulation (EC) No 1272/2008

Hazard Pictograms

Signal Word : Danger

Hazard Statements

H304 : May be fatal if swallowed and enters airways
H227 : Combustible liquid
H315 : Causes skin irritation
H317 : May cause an allergic skin reaction
H411 : Toxic to aquatic life with long lasting effects

Precautionary Statements

P210	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	: Avoid breathing fumes.
P273	: Avoid release to the environment.
P280	: Wear protective gloves and eye protection.
P301+P310	: IF SWALLOWED: Immediately call a POISON CENTRE.
P331	: Do NOT induce vomiting.
P333+P313	: If skin irritation or rash occurs: Get medical advice.
P362+P364	: Take off contaminated clothing and wash it before reuse.
P391	: Collect spillage.
P403+P235	: Store in a well-ventilated place. Keep cool.
P405	: Store locked up.
P501	: Dispose of contents and container in accordance with local Regulations.

2.3 Other Hazards

Contains Citronellol, Limonene and Linalool which may produce an allergic reaction. No further information is available at this time.

SECTION 3: Composition/information on ingredients

3.1 Substances

Description	WHITE OIL MEDICINAL	SPEARMINT OIL ORGANIC	SQUALANE
EC/EINECS	232-455-8	283-656-2	203-825-6
CAS Number	8042-47-5	84696-51-5	111-01-3
USCAS Number	8042-47-5	8008-79-5	N/A

Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 99-49-0 EINECS 202-759-5 REACH	Carvone ATD 5(3800);SS 1B;EH A3 H313,H317,H402	64.6100
CAS 5989-27-5 EINECS 227-813-5 REACH	d-Limonene (p-Mentha-1,8-diene) FL 3;SCI 2;SS 1B;AH 1;EH A1,C1 H226,H304,H315,H317,H400,H410	21.8500
CAS 123-35-3 EINECS 204-622-5 REACH	beta-Myrcene FL 3;AH 1;SCI 2;EDI 2A;EH A1,C2 H226,H304,H315,H319,H400,H411	1.6300
CAS 470-82-6 EINECS 207-431-5 REACH	Cineols (Eucalyptol) FL 3;ATO 5(2480);SS 1B H226,H303,H317	1.2500
CAS 127-91-3 EINECS 204-872-5 REACH	beta-Pinene FL 3;ATO 5(3700);AH 1;SCI 2;SS 1B;EH A1,C1 H226,H303,H304,H315,H317,H400,H410	0.8900
CAS 80-56-8 EINECS 201-291-9 REACH	Pinenes FL 3;ATO 4;AH 1;SCI 2;SS 1;EH A1,C1 H226,H302,H304,H315,H317,H400,H410	0.7500
CAS 99-85-4 EINECS 202-794-6 REACH	gamma-Terpinene (p-Mentha-1,4-diene) FL 3;ATO 5(3850);AH 1;REP 2;EH A2,C2 H226,H303,H304,H361,H401,H411	0.2500
CAS 141-12-8 EINECS 205-459-2 REACH	Neryl acetate SCI 2;SS 1;EH C3 H315,H317,H412	0.2000

Refer to section 16 for the wording of listed classification and hazard statement codes.

SECTION 4: First aid measures

4.1 Description of first aid measures

After Inhalation

No known adverse effects. If fumes or combustion products are inhaled, remove to fresh uncontaminated air, lay patient on back until breathing returns to normal.

After skin contact

Irritating, may cause an allergic reaction. Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

After eye contact

Flush eyes with plenty of water for 15 minutes including under eyelid. Seek medical advice if irritation persists. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

After Ingestion

May be harmful if swallowed and may be fatal if enters airways. Do NOT induce vomiting. Position to avoid aspiration should vomiting occur. Wash mouth with plenty of water and obtain medical advice immediately. Never give anything by mouth to an unconscious patient.

4.2 Most important symptoms and effects, both acute and delayed

Take phrases in section 2 and 11 into account. No further information available at this time.

4.3 Indication of immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing Media

Carbon dioxide, foam or dry powder. DO NOT USE A DIRECT WATER JET.

5.2 Specific hazards arising from the substance or mixture

May produce Carbon dioxide and unidentified organic compounds.

5.3 Advice for fire-fighters

Wear Self-Containing Breathing Apparatus (S.C.B.A.) and full protective clothing to minimize skin exposure. Avoid inhalation of vapor. Keep containers cool with water spray. Do not use direct water jets on burning material. Do not allow spillage of fire to enter drains or watercourses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Avoid inhalation, skin and eye contact. Ensure proper ventilation. Evacuate all unnecessary personnel. If possible, contain the spill.

6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from the surface and ground water.

6.3 Methods and material for containment and cleaning up

Soak up spillage with sand or other inert absorbent material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations. If large quantities of this material enter the waterways, contact the EPA or your local Waste Management Group.

6.4 Reference to other sections

Refer to information in Section 7, 8, and 13.

SECTION 7: Handling and storage

7.1 Precautions for Safe Handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes. Wear protective clothing and use safety glasses. Keep in original container or a alternative made from a compatible material.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly sealed original containers away from ignition sources and in a cool place. Avoid contact with incompatible materials that support combustion, such as strong oxidizing agents.

7.3 Specific end use(s)

No further information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No exposure standards have been established for this material by Work safe Australia. However, as a matter of course avoid repeated or prolonged contact with the skin. Keep out of eyes. Do not ingest. Use with good ventilation, do not breathe vapor. Sensitive individuals may develop an allergic response.

8.2 Exposure controls

Engineering controls

Natural ventilation should be sufficient, however where vapors of mists are generated the use of a grounded mechanical exhaust ventilation system is recommended.

Individual protection measures

Refer to section 5 for specific fire/chemical personal protective equipment advice. Always wash routinely before breaks, meals and at the end of the work period.

Eye/face protection

Use splash-proof safety glasses and face shield where splashing is possible.

Hand protection

Wear chemically resistant disposable gloves.

Other skin protection

Wear overalls. Depending on conditions in the workplace, additional body protection should be considered. Always wash routinely before breaks, meals and at the end of the work period.

Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas.

Thermal Hazards

No information.

Environmental exposure controls

Emissions from ventilation and process equipment should be checked to ensure compliance with environmental protection legislation.

National Exposure standards

No exposure standards have been established for this material by WorkSafe Australia.

Biological Limit Values

No biological limit allocated.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

PROPERTIES	PRODUCT		
	WHITE OIL MEDICINAL	SPEARMINT OIL	PHYTOSQUALAN
FLASH POINT	>160°C	64°C	>200°C
APPEARANCE	Viscous liquid	Mobile liquid	Clear liquid
COLOUR	Colourless	Colourless to yellow	Colourless
ODOUR	Little to no odour	Warm, slightly green, herbaceous penetrating odour	Odourless
ODOUR THRESHOLD	Not available	Not available	Not available
pH @ 20 DEG C	Not available	Not available	Not available
MELTING/FREEZING POINT	Not available	Not available	Not available
INITIAL BOILING POINT AND RANGE	Not available	220°C	210°C
EVAPORATION RATE	Not available	Not available	Not available
FLAMMABILITY (SOLID/GAS)	Not available	Not available	Not available
UPPER/LOWER FLAMMABILITY LIMITS	Not available	Not available	Not available
VAPOR PRESSURE	Not available	Not available	Not available
VAPOR DENSITY	Not available	Not available	Not available
SPECIFIC GRAVITY @ 20 DEG C	0.820 - 0.865	0.91 - 0.935	0.82
SOLUBILITIES	Insoluble in water	Insoluble in water	Insoluble in water
PARTITION COEFF N-OCTANAL/WATER	Not available	Not available	Not available
AUTO-IGNITION TEMPERATURE	>250°C	Not available	Not available
DECOMPOSITION TEMPERATURE	Not available	Not available	Not available
VISCOSITY @ 20 DEG C	Not available	Not available	Not available
EXPLOSIVE PROPERTIES	Not available	Not available	None
OXIDISING PROPERTIES	Not available	Not available	Not available

SECTION 10: Stability and reactivity

10.1 Reactivity

Not determined.

10.2 Chemical stability

Stable under the recommended storage conditions (see section 7).

10.3 Possibility of hazardous reactions

No hazardous reactions if stored under suitable storage conditions.

10.4 Conditions to avoid

Avoid exposure to heat, sources of ignition, and open flame. Avoid exposure to air.

10.5 Incompatible materials

Keep away from oxidizing agents and from highly alkaline or acidic materials.

10.6 Hazardous decomposition products

During combustion may form carbon monoxide, carbon dioxide and unidentified organic compounds.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Mentha spicata (Cas: 8008-79-5)

Oral route: Data not available

May be harmful if swallowed

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Not classified based on available data.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ Cell mutagenicity

No data

Carcinogenicity

No data

Reproductive toxicity

No data

STO-single exposure

No data

STO-repeated exposure

No data

Aspiration hazard

May be fatal if swallowed and enters airways.

Information on likely routes of exposure

No data

Symptoms related to physical, chemical and toxicological characteristics

No data

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data

Interactive effects

No data

Other information

No data

SECTION 12: Ecological information**12.1 Toxicity**

Spearmint oil is toxic to aquatic life with long lasting effects. Avoid contaminating waterways (Note: CleanEars contains <0.1% Spearmint oil).

Contains D-Limonene (5989-27-5):

LC50 (96 h) – Pimephales promelas (fathead minnow) – 0.72 mg/L

EC50 (48 h) – Daphnia magna – 0.36 mg/L

EC50 (72 h) – Raphidocelis subcapitata – 0.32 mg/L

Phytosqualan has LD50 - >2 ml/kg

12.2 Persistence and degradability

No tested data available on this product.

12.3 Bioaccumulative potential

No data.

12.4 Mobility in soil

Avoid soil, surface water and water-bearing stratum contamination.

12.5 Results of PBT and vPvB assessment

No data.

12.6 Other adverse effects

See sections 6, 7, 13, and 15.

SECTION 13: Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection).

13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as a trade effluent.

SECTION 14: Transport information

14.1 UN number

ADR - 3082

IATA - 3082

IMDG - 3082

14.2 UN proper shipping name

ADR – ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MENTHA SPICATA OIL)

IATA – ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MENTHA SPICATA OIL)

IMDG – ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MENTHA SPICATA OIL)

14.3 Transport Hazard Class(es)

ADR - 9

IATA - 9

IMDG - 9

14.4 Packing group

ADR – III

IATA – III

IMDG - III

Tunnel code (-)

14.5 Environmental Hazards

Dangerous for the environment. Marine pollutant.

14.6 Special precautions for user

Maritime Transport (International Maritime Dangerous Goods Code (IMDG Code)):

EmS: F-A, S-F

Marine pollutant: Yes

Hazchem Code

.3Z

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N/A

SECTION 15: Regulatory information

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

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

Further information

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Version: 1

Disclaimer:

Logikal Health Products cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage, and disposal of the product, and to assume liability for loss, injury, damage, or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.