

MATERIAL AND SAFETY SHEET

(In accordance to Regulation 1907/2006)

Date of issue: 2015-09-18

SECTION 1. Identification of the substance or preparation and of the company/undertaking.

1.1 Product identifier: **167190 HAWAIIAN MIST**

1.2 Relevant identified uses of the substance or mixture: Mixture of odoriferous naturals and/or synthetic substances. This product can not be used directly in this form or concentration. Product for industrial use only.

Uses advised against: Other uses than those recommended

1.3 Manufacturer: Guangzhou Iberchem Co. Ltd.

Address: 191 Dongjiang Street
GET Development Zone, Guangzhou 510730 China
Tel: 86-20-82069363 Fax: 86-20-82069123

e-mail: iberchem@iberchem.com.cn

1.4 Emergency telephone: 86-20-82069363. Monday-Friday: 08.30h-12.00h and 13.00h-17.30h.

SECTION 2. Hazards identification.

2.1 Classification of the substance or mixture

Classification according to the Directive 1999/45/EC.

Hazard Symbols:

Xi: Irritant
N: Dangerous for the environment

Risk Phrases:

R43: May cause sensitisation by skin contact.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements



Xi: Irritant



N: Dangerous for the environment

Risk Phrases:

R43: May cause sensitisation by skin contact.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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Safety Phrases:

- S24: Avoid contact with skin.
 S37: Wear suitable gloves.
 S45: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).
 S61: Avoid release to the environment. Refer to special instructions/safety data sheet.

Contains: (R)-p-mentha-1,8-diene, 2-(4-tert-butylbenzyl)propionaldehyde

2.3 Other hazards

The product does not contain substances included in the Substances of Very High Concern list (> 0,1 % w/w).

SECTION 3: Composition/information on ingredients.

Relevant information on dangerous substances according to the Chemicals (Hazard Information and Packaging for Supply) Regulations 2009:

| Concentration range of the constituent (% weight/weight) | CE Number / Registration Number | CAS | Chemical name | Symbol(s). Risk Phrases/ Hazard Class and Category Code(s); Hazard statement Code(s) |
|--|---------------------------------|------------|---------------------------------------|---|
| ≥25% and <50% | 252-104-2 01-2119450011-60 | 34590-94-8 | (2-methoxymethylethoxy)propanol | - - [2] |
| ≥5% and <10% | 242-362-4 01-2119457274-37 | 18479-58-8 | 2,6-dimethyloct-7-en-2-ol | Xi; R38 Eye Irrit. 2;H319 [1] |
| ≥1% and <5% | 201-828-7 | 88-41-5 | 2-tert-butylcyclohexyl acetate | N; R51/53 Aquatic Chronic 2;H411 [1] |
| ≥1% and <5% | 227-813-5 | 5989-27-5 | (R)-p-mentha-1,8-diene | Xi,N; R10-38-43-50/53 Flam. Liq. 3;H226- Skin Irrit. 2;H315- Skin Sens. 1;H317- Aquatic Acute 1;H400- Aquatic Chronic 1;H410 [1] |
| ≥1% and <5% | 201-134-4 | 78-70-6 | Linalool | Xi: R38 Skin Irrit. 2;H315 [1] |
| ≥1% and <5% | 233-221-8 | 10094-34-5 | Alpha.,α-dimethylphenethyl butyrate | N; R51/53 Aquatic Chronic 2;H411 [1] |
| ≥1% and <5% | 220-292-5 | 2705-87-5 | Allyl 3-cyclohexylpropionate | Xn; R21/22 Acute Tox. 4;H302- Acute Tox. 4;H312- Skin Irrit. 2;H315 [1] |
| ≥1% and <5% | 201-061-8 | 77-83-8 | Ethyl 2,3-epoxy-3-phenylbutyrate | R52/53 Aquatic Chronic 3;H412 [1] |
| ≥1% and <5% | 201-265-7 | 80-26-2 | p-menth-1-en-8-yl acetate | N; R51/53 Aquatic Chronic 2;H411 [1] |
| ≥1% and <5% | 203-225-4 | 104-67-6 | Undecan-4-olide | N: R51/53 Aquatic Chronic 2;H411 [1] |
| ≥1% and <5% | 204-642-4 | 123-68-2 | Allyl hexanoate | Xn,N; R21/22-38-51/53 Acute Tox. 3;H301- Acute Tox. 3;H311- Skin Irrit. 2;H315- Eye Irrit. 2;H319- Aquatic Chronic 2;H411 [1] |
| ≥1% and <5% | 201-289-8 | 80-54-6 | 2-(4-tert-butylbenzyl)propionaldehyde | Xn,N; R22-38-43-51/53-62 |

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| Concentration range of the constituent (% weight/weight) | CE Number / Registration Number | CAS | Chemical name | Symbol(s). Risk Phrases/ Hazard Class and Category Code(s); Hazard statement Code(s) |
|--|---------------------------------|------------|---|--|
| | | | | Acute Tox. 4;H302- Skin Irrit. 2;H315- Skin Sens. 1;H317- Repr. 2;H361- Aquatic Chronic 2;H411 [1] |
| ≥1% and <5% | 205-572-7 | 142-92-7 | Hexyl acetate | N; R10-51/53 Flam. Liq. 3;H226- Aquatic Chronic 2;H411 [1] |
| ≥0.1% and <1% | 203-341-5 | 105-87-3 | Geranyl acetate | N; R51/53 Aquatic Chronic 2;H411 [1] |
| ≥0.1% and <1% | 214-946-9 | 1222-05-5 | 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran | N; R50/53 Aquatic Acute 1;H400- Aquatic Chronic 1;H410 [1] |
| ≥0.1% and <1% | 203-375-0 | 106-22-9 | Citronellol | N,Xi: R38-43-51/53 Skin Irrit. 2;H315- Skin Sens. 1;H317- Aquatic Chronic 2;H411 [1] |
| ≥0.1% and <1% | 251-020-3 | 32388-55-9 | [3R-(3α,3αβ,7β,8αα)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one | Xi,N; R43-50/53 Skin Sens. 1;H317- Aquatic Acute 1;H400- Aquatic Chronic 1;H410 [1] |
| ≥0.1% and <1% | 250-954-9 | 32210-23-4 | 4-tert-butylcyclohexyl acetate | N; R51/53 Aquatic Chronic 2;H411 [1] |

See section 16 for the full text of the risk phrases / Hazard statement Codes declared above.

SECTION 4. First aid measures.

4.1 Description of first aid measures

| | |
|---------------|---|
| Consumption: | If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. Do NOT induce vomiting. |
| Eye contact: | First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor. |
| Inhalation: | Remove person to fresh air and keep at rest. |
| Skin contact: | Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention. |

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

Not described.

4.3 Indication of any immediate medical attention and special treatment needed

Not applicable.

SECTION 5. Fire-fighting measures.

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5.1 Extinguishing media: Carbon dioxide, dry chemical powder or appropriate foam.

For safety reasons do not use full water jet.

5.2 Special hazards arising from the substance or mixture: Not applicable.

5.3 Advice for firefighters:

In case of fire on the surrounding, follow the instructions:

1-Closed containers may build up pressure at elevated temperatures.

2-Avoid inhalation of generated fumes or vapors. Use appropriate respiratory equipment.

3-Do not allow the spillage of the fire extinguishing to sink into a drainage system or water area.

SECTION 6. Accidental release measures.

6.1 Personal precautions, protective equipment and emergency procedures:

Handle the product using protective gloves resistant to the chemicals exposed.

Avoid contact with skin and inhalation of its vapours or smoke.

Maintain adequate ventilation in the working area after spilling.

6.2 Environmental precautions:

To avoid possible contamination of the environment, Do not discharge into any drains, surface waters or groundwaters.

6.3 Methods and material for containment and cleaning up:

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).

Ventilate area and wash spill site after material pickup is complete.

Dispose of in accordance with current laws and regulations.

6.4 Reference to other sections:

See heading 13.

SECTION 7. Handling and storage.

7.1 Precautions for safe handling:

Keep away from food, drink and animal feedingstuffs. When using do not smoke.

Avoid contact with skin and eyes.

Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities:

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Stock according local/national regulation, always following the precautions indicated on the stickers.

Stock according local/national regulation, always following the precautions indicated on the stickers.

7.3 Specific end use(s):

Not available

SECTION 8. Exposure controls/personal protection.

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8.1 Control parameters

Occupational Exposure Limits:

| European Union | | | |
|---------------------------------|--|---|------------------|
| Substance | Occupational exposure limit value 8 h (VLA-ED) | Short-term occupational exposure limit value (VLA-EC) | Notation |
| (2-methoxymethylethoxy)propanol | 308 mg/m ³ | | Skin |
| Spain | | | |
| Substance | Occupational exposure limit value 8 h (VLA-ED) | Short-term occupational exposure limit value (VLA-EC) | Notation |
| Benzyl acetate | 62 mg/m ³ | | - |
| (2-methoxymethylethoxy)propanol | 308 mg/m ³ | | Vía dérmica, VLI |

8.2 Exposure controls

- Personal protection equipment: Use personal protection equipment according to Directive 89/686/EEC.
- Eye/Face protection: Chemical safety goggles are recommended. Wash contaminated goggles before reuse.
- Respiratory Protection: Use personal breathing apparatus whenever deemed necessary.
- Skin Protection: Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.
- Engineering Controls-Ventilation: The areas where the product is handled and stored should be adequately ventilated.

SECTION 9. Physical and chemical properties.

9.1 Information on basic physical and chemical properties

| | |
|-------------------|--------------------------|
| Appearance: | Liquid |
| Colour | Similar to the standard. |
| Smell: | Similar to the standard. |
| Density: | Similar to the standard. |
| Refractive Index: | Similar to the standard. |
| Optical rotation: | Similar to the standard. |
| Flash Point: | >60°C |

SECTION 10. Stability and reactivity.

- 10.1 Reactivity: Not available.
- 10.2 Chemical stability: Stable under normal operating conditions.
- 10.3 Possibility of hazardous reactions:
- Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.
- 10.4 Conditions to avoid: Avoid excessive heat, sparks or open flame.

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No special precautions other than good housekeeping of chemicals.

10.5 Incompatible materials: Caustics, Nitrides, Strong Reducing Agents, Azo Compounds, Diazo Compounds and Hydrazines, Epoxides, Isocyanates, Strong Oxidizing Agents, Acids.

10.6 Hazardous decomposition products: Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

SECTION 11. Toxicological information.

11.1 Information on toxicological effects

Toxicological effects: See also headings 2 and 3.

No toxicological information is available on the product itself.

SECTION 12. Ecological information.

- 12.1 Acute aquatic toxicity: -
12.2 Persistence and degradability: Not available.
12.3 Bioconcentration Factor: -
12.4 Mobility in soil: Not available.
12.5 Results of PBT and vPvB assessment: -
12.6 Other adverse effects: Do not allow the material to enter streams, sewers or other waterways.

SECTION 13. Disposal considerations.

- 13.1 Waste treatment methods
Container disposal: Do not reuse empty containers. Containers must be disposed of as hazardous waste.

Disposal conditions: Dispose of in accordance with all federal, state and local environmental regulations. This material and its container must be disposed of in a safe way.

SECTION 14. Transport information.

ADR

UN No.: UN3082
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Contains (R)-p-mentha-1,8-diene, 2-tert-butylcyclohexyl acetate)
Packing Group: III
Class: 9
Tunnel restriction code: (E)

Label:



IMDG

UN No.: UN3082
Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Contains (R)-p-mentha-

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Packing Group: 1,8-diene, 2-tert-butylcyclohexyl acetate)
Class: III
9

Marine Pollutant: Yes
IMDG-Code segregation group: -

IATA

UN No.: UN3082
Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Contains (R)-p-mentha-1,8-diene, 2-tert-butylcyclohexyl acetate)
Packing Group: III
Class: 9
Label: Miscellaneous

SECTION 15. Regulatory information.

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

This substance is either included in EINECS, ELINCS, NPL inventories or exempt.

15.2 Chemical safety assessment:

Not available.

SECTION 16. Other information.

Text of risk phrases associated with ingredients listed in section 3:

R10: Flammable.
R21/22: Harmful in contact with skin and if swallowed.
R22: Harmful if swallowed.
R38: Irritating to skin.
R43: May cause sensitisation by skin contact.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62: Possible risk of impaired fertility.

Text of hazard statement codes in section 3:

H226: Flammable liquid and vapour.
H301: Toxic if swallowed.
H302: Harmful if swallowed.
H311: Toxic in contact with skin.

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| | |
|-------|---|
| H312: | Harmful in contact with skin. |
| H315: | Causes skin irritation. |
| H317: | May cause an allergic skin reaction. |
| H319: | Causes serious eye irritation. |
| H361: | Suspected of damaging fertility or the unborn child. |
| 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. |
| H412: | Harmful to aquatic life with long lasting effects. |

This material should only be used for industrial purposes.

Key literature references and sources for data::

1. Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.
2. Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.
3. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
4. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Reason for Change: Regulation (EU) No. 453/2010 compliance.

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