

Revision Date
Current Date 03-Jun-2009

Revision Number 0

HMS Health 2 * Flammability 2 Instability 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product name BEACH BREEZE WS22796
Recommended use Fragrance compound - a mixture of aroma chemicals and/or natural essential oils and extracts

Supplier
Takasago International Corporation (USA)
4 Volvo Drive
Rockleigh, NJ 07647 USA
Phone: (01) (201) 767-9001

Emergency telephone number
Health & Environmental: 1-201-767-9001 9 a.m - 5 p.m. EST M-F
CHEMTREC: 1-800-424-9300 24 hours Everyday
CHEMTREC (International): 01-703-527-3887 [U.S.A.] 24 hours Everyday

2. HAZARDS IDENTIFICATION

Combustible material

Colour LIGHT YELLOW
Odor MARINE, OZONE, HERBAL, LAVENDER, CITRUS BOUQUET
Form LIQUID

Principle Routes of Exposure Eye contact. Skin contact. Inhalation.

Potential health effects

This mixture has not been tested as a whole. It contains ingredients present at concentrations exceeding OSHA thresholds that undiluted and at ambient conditions could have the following health hazards:

Effects of acute exposure to product

- Harmful if swallowed
- Harmful if absorbed through the skin
- Causes skin irritation
- May cause allergic skin reaction
- Causes respiratory tract irritation
- Inhalation at high levels may cause drowsiness, headache, dizziness, difficulty in breathing, coughing, anesthesia
- Causes eye irritation

Effects of chronic exposure to product	<p>Prolonged or repeated ingestion may cause liver damage based on animal data</p> <p>Prolonged or repeated ingestion may cause kidney damage based on animal data</p> <p>Prolonged or repeated ingestion may cause spleen damage based on animal data</p> <p>Prolonged or repeated ingestion may cause blood circulatory damage based on animal data</p> <p>Prolonged or repeated ingestion may cause adverse reproductive effects based on animal data</p> <p>Prolonged or repeated dermal exposure may cause adverse reproductive effects based on animal data</p> <p>Has been shown to cause kidney tumors in laboratory animals. The effects in humans are unknown</p> <p>Prolonged or repeated ingestion may cause bile duct damage based on animal data</p>
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3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

The identity of the individual components of this mixture is proprietary information and is regarded to be a trade secret. It is withheld in accordance with the provisions of 29 CFR 1910.1200.

4. FIRST AID MEASURES

Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
Skin contact	Remove and wash contaminated clothing before re-use. Wash off immediately with plenty of water. If skin irritation persists, call a physician.
Ingestion	Rinse mouth. Give up to one tumbler (half-pint) of milk or water. Consult a physician.
Inhalation	Move to fresh air. Consult a physician if necessary.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Foam, Carbon dioxide (CO2), or, dry chemical.
Specific hazards	None
Special protective equipment for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH (approved or equivalent) and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Remove all sources of ignition. Ensure adequate ventilation.
Environmental precautions	Prevent further leakage or spillage if safe to do so
Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable and closed containers for disposal.

7. HANDLING AND STORAGE

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Handling Avoid contact with skin and eyes. Avoid prolonged inhalation of vapors. Handle in accordance with good industrial hygiene and safety practice.

Storage Store in tightly closed and upright containers in a cool, dry, ventilated area. Store away from light, heat, and sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

This propriety mixture contains the following chemical(s) which are listed under 29 CFR 1910 subpart Z and/or have a TLV established by the ACGIH of:

Hazardous components

OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
		10 ppm	

Engineering controls Ensure adequate ventilation, especially in confined areas

Personal protective equipment

Respiratory protection No special protective equipment required
Eye/face protection Safety glasses with side-shields
Hand protection Impervious gloves
Skin and body protection Avoid contact with skin, eyes and clothing

Hygiene measures Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Form LIQUID
Colour LIGHT YELLOW
Odor MARINE, OZONE, HERBAL, LAVENDER, CITRUS BOUQUET
pH Not available
Flash point 71°C / 159°F
Method Closed cup
Autoignition temperature Not available
Flammability Limits in Air **Upper** No data available **Lower** No data available
Boiling point/range Not available
Vapour pressure 0.30228 mmHg@20°C (calculated)
Vapour density Not available
Evaporation Rate Not available
Specific Gravity (25°/25°C) 0.9330 - 0.9430
Refractive index (n 25°C/d) 1.4600 - 1.4700
Solubility Not available
Partition coefficient (n-octanol/water) Not available
Viscosity Not available

10. STABILITY AND REACTIVITY

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Chemical stability	This product is considered stable under normal conditions of storage, shipment and/or use
Incompatible materials	Incompatible with strong acids, bases and oxidizing agents
Possibility of hazardous reactions	This product presents no significant reactivity hazard. It is stable and will not react violently with water

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50 Oral = 3207.9 mg/kg rat (calculated)

Chronic toxicity

Carcinogenic effects

This propriety mixture does not contain a substance at a concentration exceeding OSHA thresholds that has been listed as a carcinogen or potential carcinogen published by NTP, IARC or OSHA

Hazardous components

NTP	IARC
	3 Classification not possible from current data.
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12. ECOLOGICAL INFORMATION

This preparation has not been subjected to ecotoxicological test as an entity. See Sections 2, 3 and 15. Avoid contamination of soil, ground and surface water.

13. DISPOSAL CONSIDERATIONS

Waste disposal method

Waste materials shall be placed into sealed containers, labeled and disposed of in accordance with all applicable local, state and federal regulations

14. TRANSPORT INFORMATION

DOT (Non-Bulk) not regulated

IMDG/IMO

Proper shipping name	Environmentally hazardous substances, liquid, n.o.s (R)-P-Mentha-1,8-Diene)
Hazard Class	9
UN-No	3082
Packing group	III

14. TRANSPORT INFORMATION

IATA not regulated

15. REGULATORY INFORMATION

Federal Regulations

SARA 313

This propriety mixture does not contain any chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

16. OTHER INFORMATION

NFPA Rating



Prepared By Corporate Safety & Regulatory Affairs/Fragrances

Revision summary Not applicable

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Disclaimer:

The information in this MSDS was obtained from current and reputable sources. However, the data is provided without any warranty, express or implied regarding its accuracy. Where the handling, storage and disposal of this material is beyond the immediate control of Takasago International Corporation, it shall be the user's responsibility to determine safe conditions for the use of this product. The user assumes all liability for loss, injury damage or expense resulting from the improper use of this product

End of Safety Data Sheet