



rainshadowlabs

Safety Data Sheet

Section 1: Chemical Product and Company Identification	
Product Name: 143 – Tranquil Sea Fragrance	Product Use: Personal Care Formulations
Company Name: RainShadow Labs	Company Address: 300 Port Ave, St. Helens, OR 97051, USA
Non-Emergency Telephone Number: (503) 366-3413	Emergency Telephone Number: RainShadow Labs (503) 366-3413

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Section 2: Hazards Identification

- Classification of the substance or mixture

GHS08 Health hazard

H361 Suspected of damaging fertility or the unborn child.

GHS07

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H227 Combustible liquid.

- Label elements
- GHS label elements The product is classified and labelled according to the Globally Harmonized System (GHS).
- Hazard pictograms GHS07, GHS08
- Signal word Warning
- Hazard-determining components of labelling:

Howood oil natural

HEXYL CINNAMIC ALDEHYDE ALPHA

PHENYL ETHYL ALCOHOL (BETA)

AMYL SALICYLATE N / ISO

- Hazard statements

Combustible liquid.

Harmful if swallowed.

Causes skin irritation.

May cause an allergic skin reaction.

Suspected of damaging fertility or the unborn child.

- Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wear protective gloves/protective clothing/eye protection/face protection.

Specific treatment (see on this label).

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- Classification system:
- NFPA ratings (scale 0 - 4)

Health = 0

Fire = 2

Reactivity = 0

- HMIS-ratings (scale 0 - 4)

HEALTH

FIRE

REACTIVITY

Health = *0

Fire = 2

Reactivity = 0

- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

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Section 3: Composition/Ingredient Information

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.
- Dangerous components:
101-86-0 HEXYL CINNAMIC ALDEHYDE ALPHA: H317
8022-91-1 Howood oil natural: H301; H315; H317; H227
118-58-1 Benzyl salicylate: H317
2050-08-0 AMYL SALICYLATE N / ISO: H302
5989-27-5 D'LIMONENE: H226; H315; H317
1222-05-5 GALAXOLIDE
31906-04-4 LYRAL: H317
80-54-6 LILIAL: H361; H302; H315; H317
106-22-9 Citronellol Natural: H315; H317
97-53-0 Phenol, 2-methoxy-4-(2-propenyl)-: H302; H315; H317
103-95-7 CYCLAMEN ALDEHYDE 96%: H361; H315; H317
5462-06-6 4-Methoxy-alpha-methylbenzenepropanal: H317
121-33-5 VANILLIN NATURAL: H317
104-54-1 3-Phenyl-2-propen-1-ol NAT: H302; H315; H317

Section 4: First Aid Measures

- Description of first aid measures
- After inhalation:
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.
- Information for doctor:
· Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed
No further relevant information available.

Section 5: Fire and Explosion Data

- Extinguishing media
- Suitable extinguishing agents:
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- Protective equipment: No special measures required.

Section 6: Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures Not required.
- Environmental precautions:
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
- Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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Section 7: Handling and Storage

- Handling:
 - Precautions for safe handling
- Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- Information about protection against explosions and fires: No special measures required.
 - Conditions for safe storage, including any incompatibilities
 - Storage:
 - Requirements to be met by storerooms and receptacles: No special requirements.
 - Information about storage in one common storage facility: Not required.
 - Further information about storage conditions: None.
 - Specific end use(s) No further relevant information available.

Section 8: Exposure Controls/Personal Protection

- Additional information about design of technical systems: No further data; see item 7.
- Control parameters
- Components with limit values that require monitoring at the workplace:
140-11-4 ACETIC ACID, PHENYL METHYL ESTER NAT
TLV 61 mg/m³, 10 ppm
- Additional information: The lists that were valid during the creation were used as basis.
- Exposure controls
- Personal protective equipment:
 - General protective and hygienic measures:
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
 - Breathing equipment:
In case of intensive or long exposure in low ventilation areas, it is suggested that a respiratory protective device be used.
 - Protection of hands:
Protective gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
 - Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
 - Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
 - Eye protection: Goggles recommended during refilling.

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Section 9: Physical and Chemical Properties

- Information on basic physical and chemical properties
- General Information
- Appearance:
Form: liquid
- Color: According to product specification
- Odor: Characteristic
- Odor threshold: Not determined.
- pH-value: Not determined.
- Change in condition
- Melting point/Melting range: Undetermined.
- Boiling point/Boiling range: 305 °C (581 °F)
- Flash point: 92 °C (198 °F)
- Flammability (solid, gaseous): Not applicable.
- Ignition temperature: 450 °C (842 °F)
- Decomposition temperature: Not determined.
- Auto igniting: Product is not self-igniting.
- Danger of explosion: Not determined.
- Explosion limits:
Lower: Not determined.
Upper: Not determined.
- Vapor pressure at 20 °C (68 °F): 0.056 hPa
- Specific gravity: 0.9666
- Refractive Index @ 20C 1.4942 @ 20C
- Vapour density Not determined.
- Evaporation rate Not determined.
- Solubility in / Miscibility with
Water: Not miscible or difficult to mix.
- Partition coefficient (n-octanol/water): Not determined.
- Viscosity:
Dynamic: Not determined.
Kinematic: Not determined.
- Solvent content:
Organic solvents: 2.2 %
Solids content: 0.4 %
- Other information No further relevant information available.

Section 10: Stability and Reactivity Data

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions No dangerous reactions known.
- Conditions to avoid No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

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Section 11: Toxicological Information

- Information on toxicological effects
- Acute toxicity:
- LD/LC50 values that are relevant for classification:
2050-08-0 AMYL SALICYLATE N / ISO
Oral LD50 2000 mg/kg (rat)
80-54-6 LILIAL
Oral LD50 1390 mg/kg (rat)
Dermal LD50 >5000 mg/kg (rabbit)
- Primary irritant effect:
- On the skin: No irritant effect.
- On the eye: No irritating effect.
- Sensitization: Sensitization possible through skin contact.
- Additional toxicological information:
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
- Carcinogenic categories
- IARC (International Agency for Research on Cancer)
140-11-4 ACETIC ACID, PHENYL METHYL ESTER NAT: 3
5989-27-5 D'LIMONENE: 3
97-53-0 Phenol, 2-methoxy-4-(2-propenyl)-: 3
91-64-5 Coumarin NAT: 3
- NTP (National Toxicology Program)
None of the ingredients are listed.

Section 12: Ecological Information

- Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability No further relevant information available.
- Behavior in environmental systems:
- Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.
- Ecotoxicological effects:
- Remark: Toxic for fish
- Additional ecological information:
- General notes:
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- Other adverse effects No further relevant information available.

Section 13: Disposal Considerations

- Waste treatment methods
- Recommendation:
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.

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Section 14: Transport Information

- UN-Number
- DOT NA1993
- ADR, IMDG, IATA UN3082
- UN proper shipping name
- DOT COMBUSTIBLE LIQUID, N.O.S
- ADR 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl salicylate, AMYL SALICYLATE N / ISO)
- IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl salicylate, AMYL SALICYLATE N / ISO), MARINE POLLUTANT
- IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl salicylate, AMYL SALICYLATE N / ISO)
- Transport hazard class(es)
- DOT
- Class 3 Flammable liquids.
- ADR
- Class 9 Miscellaneous dangerous substances and articles
- Label 9
- IMDG, IATA
- Class 9 Miscellaneous dangerous substances and articles.
- Label 9
- Packing group
- DOT, ADR, IMDG, IATA III
- Environmental hazards: Product contains environmental ly hazardous substances: D'LIMONENE
- Marine pollutant: Yes
- Symbol (fish and tree)
- Special marking (IATA): Symbol (fish and tree)
- Special precautions for user Warning: Miscellaneous dangerous substances and articles
- Danger code (Kemler): 90
- EMS Number: F-A,S-F
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.
- UN "Model Regulation": UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl salicylate, AMYL SALICYLATE N / ISO), 9, III

Section 15: Other Regulatory Information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara
- Section 355 (extremely hazardous substances):
None of the ingredient is listed.
- Section 313 (Specific toxic chemical listings):
None of the ingredients is listed.
- TSCA (Toxic Substances Control Act):
8001-79-4 Castor oil
101-86-0 HEXYL CINNAMIC ALDEHYDE ALPHA
8022-91-1 Howood oil natural
8050-15-5 HERCOLYN "D"
118-58-1 Benzyl salicylate
24851-98-7 cyclopentaneacetic acid, 3-oxo-2-pentyl-, methyl ester
2050-08-0 AMYL SALICYLATE N / ISO
140-11-4 ACETIC ACID, PHENYL METHYL ESTER NAT
60-12-8 PHENYL ETHYL ALCOHOL (BETA)
5989-27-5 D'LIMONENE
127-51-5 METHYL IONONE (GAMMA)
1222-05-5 GALAXOLIDE
31906-04-4 LYRAL
80-54-6 LILIAL
18871-14-2 2H-pyran-4-ol, tetrahydro-3-pentyl:acetate
- Proposition 65

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- Chemicals known to cause cancer:
None of the ingredients is listed.
- Chemicals known to cause reproductive toxicity for females:
None of the ingredients are listed.
- Chemicals known to cause reproductive toxicity for males:
None of the ingredients are listed.
- Chemicals known to cause developmental toxicity:
None of the ingredients are listed.
- Cancerogenity categories
· EPA (Environmental Protection Agency)
None of the ingredients are listed.
- TLV (Threshold Limit Value established by ACGIH)
140-11-4 ACETIC ACID, PHENYL METHYL ESTER NAT A4
- NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients are listed.
- OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients are listed.
- GHS label elements The product is classified and labelled according to the Globally Harmonized System (GHS).
- Hazard pictograms GHS07, GHS08
- Signal word Warning
- Hazard-determining components of labelling:
Howood oil natural
HEXYL CINNAMIC ALDEHYDE ALPHA
PHENYL ETHYL ALCOHOL (BETA)
AMYL SALICYLATE N / ISO
- Hazard statements
Combustible liquid.
Harmful if swallowed.
Causes skin irritation.
May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.
- Precautionary statements
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wear protective gloves/protective clothing/eye protection/face protection.
Specific treatment (see on this label).
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.
- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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Section 16: Other Information

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International

Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50

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Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.

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