

# Safety Data Sheet

Revision Date: 19/01/2020

## **SECTION 1: Identification of the mixture and of the company**

### **1.1. Product Identifier**

Trade code:

AR486362

Trade name:

JASMIN ECOBOOST

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

Concentrated fragrance for manufacturing purposes only.

Not for personal use in this form or concentration.

### **1.3. Details of the supplier of the safety data sheet**

Mercury srl

Via Seminella 50N/1-2 16012 - Busalla, GE, Italy

+390109761598 - fax. +390109643211

mercurysrl@mercuryitaly.com

### **1.4. Emergency telephone number**

+390109761598 (9:00am to 6:00pm, UTC+1)

## **SECTION 2: Hazards Identification**

### **2.1. Classification of the substance or mixture**

#### **Classification of the substance or mixture according to EC 1272/2008**

Skin Irritation, category 2	H315	Causes skin irritation.
Eye Irritation, category 2	H319	Causes serious eye irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment, Chronic, category 2	H411	Toxic to aquatic life with long lasting effects.

### **2.2. Label elements**

#### **Label elements according to EC 1272/2008**

Signal Word: Warning

Pictograms:



#### **Hazard Statements:**

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

#### **Precautionary Statements:**

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P273	Avoid release to the environment.

**Hazardous components which must be listed on the label:**

78-70-6	3,7-Dimethylocta-1,6-dien-3-ol
6259-76-3	Hexyl salicylate
495-62-5	4-(1,5-Dimethylhex-4-en-1-ylidene)-1-methylcyclohexene
31906-04-4	4-(4-Hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde

**2.3. Other hazards**

None reasonably foreseeable

**SECTION 3: Composition/information on ingredients****Description of the mixture:**

A multi-component mixture of natural and/or synthetic aroma materials.

Conc. %w/w	Description	CAS	EINECS	Classification EC 1907/2006
25-50	3,7-Dimethylocta-1,6-dien-3-ol	78-70-6	201-134-4	H315, H317, H319
10-25	Hexyl salicylate	6259-76-3	228-408-6	H315, H317, H400, H410
10-25	Phenylmethanol	100-51-6	202-859-9	H302, H319, H332
2.5-10	Benzyl acetate	140-11-4	205-399-7	H412
2.5-10	Methyl 2-aminobenzoate	134-20-3	205-132-4	H319
2.5-10	4-(1,5-Dimethylhex-4-en-1-ylidene)-1-methylcyclohexene	495-62-5	207-805-8	H304, H315, H317
1.0-2.5	4-(4-Hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde	31906-04-4	250-863-4	H317
1.0-2.5	Resin acids and Rosin acids, hydrogenated, Me esters	8050-15-5	232-476-2	H412
1.0-2.5	1H-Indole	120-72-9	204-420-7	H302, H311
1.0-2.5	1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLCYCLOPENTA[G]-2-BENZOPYRAN	1222-05-5	214-946-9	H400, H410
< 1.0	(Z)-3-hexenyl salicylate	65405-77-8	265-745-8	H400, H410
< 1.0	2-Benzylideneoctanal	101-86-0	202-983-3	H317, H400, H411
< 1.0	Diethyl phthalate	84-66-2	201-550-6	
< 1.0	3-methyl-2-(2-pentenyl)-2-cyclopenten-1-one	488-10-8	207-668-4	H315, H319
< 1.0	2,6-Dimethylheptan-2-ol	13254-34-7	236-244-1	H315, H319
< 1.0	2,6-Di-tert-butyl-p-cresol	128-37-0	204-881-4	H400, H410
< 1.0	Acetic acid, 2-phenylethyl ester	103-45-7	203-113-5	H318
< 1.0	Hex-3-en-1-yl acetate	3681-71-8	222-960-1	H226
< 1.0	Methyl salicylate	119-36-8	204-317-7	H302
< 1.0	1,5-Dimethyl-1-vinylhex-4-en-1-yl acetate	115-95-7	204-116-4	H315, H317, H319
< 1.0	Methyl benzoate	93-58-3	202-259-7	H302
< 1.0	4-Allyl-2-methoxyphenol	97-53-0	202-589-1	H304, H317, H319
< 1.0	Hex-3-en-1-ol	928-96-1	213-192-8	H319
< 1.0	2,6-Dimethyloct-7-en-2-ol	18479-58-8	242-362-4	H315, H319
< 1.0	2-(5-Methyl-5-vinyltetrahydrofuran-2-yl)propan-2-ol	1365-19-1	215-723-9	H302, H315, H319
< 1.0	Methyl 3-phenylacrylate	103-26-4	203-093-8	H317
< 1.0	2-Phenylethanol	60-12-8	200-456-2	H302, H319
< 1.0	2,2,2-Trichloro-1-phenylethylacetate	90-17-5	201-972-0	H315, H412
< 1.0	3a,4,5,6,7,7a-Hexahydro-1H-4,7-methanoinden-1-yl acetate	5413-60-5	226-501-6	H412
< 1.0	1,5-Dimethyl-1-vinylhex-4-en-1-yl 2-methylpropanoate	78-35-3	201-108-2	H411
< 1.0	3-phenylpropan-1-ol	122-97-4	204-587-6	H314
< 1.0	Benzyl benzoate	120-51-4	204-402-9	H302, H400, H411
< 1.0	7-Hydroxy-3,7-dimethyloctanal	107-75-5	203-518-7	H317, H319
<0.1	5-heptyloxolan-2-one	104-67-6	203-225-4	H412
<0.1	n-butyl acetate	123-86-4	204-658-1	H226, H336
<0.01	Ethanol	64-17-5	200-578-6	H225, H319

<0.01	6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane	127-91-3	204-872-5	H226, H304, H315, H317, H400, H410
<0.01	3-methylbutyl acetate	123-92-2	204-662-3	H226
<0.01	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	80-56-8	201-291-9	H226, H304, H315, H317, H400, H410
<0.0001	Styrene	100-42-5	202-851-5	H226, H304, H315, H319, H332, H361, H372, H412
<0.0001	Hexane	110-54-3	203-777-6	H225, H304, H315, H336, H361, H373, H411
<0.0001	Toluene	108-88-3	203-625-9	H224, H304, H315, H336, H361, H373

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

**Contact with skin:**

Remove all contaminated clothing.  
Wash with plenty of water and soap.

**Contact with eyes:**

Flush immediately with water for at least 10 minutes.  
Contact physician if symptoms persist.

**Swallowing:**

Rinse mouth with water.  
In severe cases seek medical attention and show the safety data sheet.

**Inhalation:**

No damage to health is expected.

### **4.2. Most important symptoms and effects, both acute and delayed**

See Section 2.1

### **4.3. Indication of any immediate medical attention and special treatment needed**

See Section 4.1

## **SECTION 5: Firefighting Measures**

### **5.1. Extinguishing media**

**Recommended extinguishers:**

Carbon dioxide, foam or powder-fire extinguisher.

**Extinguishers not to be used:**

DO NOT USE WATER EXTINGUISHERS.

### **5.2. Special hazards arising from the substance or mixture**

**Risks arising from combustion:**

Avoid inhaling the fumes.

### **5.3. Advice for firefighters**

**Protective Equipment:**

Use protection for the respiratory tract.

**Additional Information:**

Contaminated fire extinguishing water must be collected separately; it must not enter sewerage system.

## **SECTION 6: Accidental Release Measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Avoid inhalation and contact with skin and eyes.  
Use personal protective equipment.

### **6.2. Environmental hazards**

Inform fire brigade of large spillages.  
Keep away from drains, surface and ground water, and soil.  
Spillages should be contained immediately by use of sand or inert powder and disposed of according to local regulations.

### **6.3. Methods and material for containment and cleaning up**

Rapidly recover the product. To do so, wear a mask and protective clothing. If possible, collect product for re-use or disposal. Do not allow the material to enter drainage systems.

**6.4. Reference to other sections**

See section 8

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Apply good manufacturing and industrial hygiene practices and adequate ventilation.  
Do not eat, drink or smoke while handling.  
Respect good personal hygiene.

**7.2. Conditions for safe storage, including any incompatibilities****Storage Conditions:**

Store in well filled and tightly closed original containers, and protect from heat and light.  
Avoid certain plastic and uncoated metal containers.

**Instructions as regards storage premises:**

Store in a cool, dry and ventilated area. Keep away from sources of ignition and naked flames.

**Incompatible Materials:**

None known that present a hazard.

**7.3. Specific end use(s)**

Perfumed product for professional or consumer use

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Materials with occupational exposure standards:**

	<u>WEL-STEL mg/m3</u>	<u>WEL-STEL ppm</u>	<u>WEL-TWA mg/m3</u>	<u>WEL-TWA ppm</u>
Diethyl phthalate	10		5	
n-butyl acetate	966	200	724	150
Ethanol			1920	1000
6,6-Dimethyl-2-methylenebicyclo [3.1.1]heptane	300	50	140	25
3-methylbutyl acetate	541	100	270	50
2,6,6-Trimethylbicyclo[3.1.1]hept-2- ene	300	50	140	25
Styrene		40		20
Hexane			180	500
Toluene	384	100	191	50

**8.2. Exposure controls****Precautionary Measures:**

Give adequate ventilation to the premises where the product is stored and/or handled.

**Protection for respiratory tract:**

Not needed for normal use.

**Protection for hands:**

Avoid contact. Use chemically resistant gloves as needed, e.g. butyl rubber or nitrile rubber protective index 6

**Protection for eyes:**

Avoid contact. Wear safety glasses

**Protection for skin:**

Avoid contact. Use suitable protective clothing as needed.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Clear gold yellow liquid
<b>Odour</b>	Characteristic
<b>pH</b>	Non aqueous mixture, not determined
<b>Melting Point</b>	Not applicable
<b>Initial boiling point and boiling point range</b>	Not applicable
<b>Flash Point (°C)</b>	>70
<b>Evaporation Rate</b>	Not determined

Vapour Pressure	Not determined
Vapour Density	Not determined
Relative Density	0.99
Solubility in Water	No
Partition Co-efficient : n-octanol /water	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not applicable
Oxidising properties	Not applicable

## 9.2. Other information

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## **SECTION 10: Stability and Reactivity**

### **10.1. Reactivity**

Substances to avoid: None in particular.

### **10.2. Chemical stability**

Stable under normal conditions

### **10.3. Possibility of hazardous reactions**

None known

### **10.4. Conditions to avoid**

Stable under normal conditions.

### **10.5. Incompatible materials**

None expected

### **10.6. Hazardous decomposition products**

Carbon monoxide and unidentified organic compounds may be formed during combustion.

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## **SECTION 11: Toxicological Information**

This preparation has not been subject to toxicological testing as an entity; therefore no specific LD50/LC50 values have been determined. The toxicological information available relating to the ingredients and their concentrations enables the evaluation of this preparation.

For further information see sections 2, 15 & 16.

### **11.1. Information on toxicological effects**

ATE Dermal: >10000

ATE Oral: >10000

ATE Vapour: >20

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## **SECTION 12: Ecological Information**

### **12.1. Ecotoxicity**

Avoid contaminating the earth as well as surface and ground water. This preparation has not been subject to ecological testing as an entity; therefore no specific data has been generated. The ecological information available relating to the ingredients and their concentrations enables the evaluation of this preparation.

For further information see sections 2, 15 & 16.

### **12.2. Persistence and degradability**

Not determined

### **12.3. Bioaccumulative potential**

Not determined

### **12.4. Mobility in soil**

Not determined

### **12.5. Results of PBT and vPvB assessment**

None present

### **12.6. Other adverse effects**

None known

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**SECTION 13: Disposal Considerations****13.1. Waste treatment methods**

The product should be disposed of in accordance to local regulations.  
Avoid disposing into drainage systems and into the environment.  
The soiled packaging should be disposed of in the same way as the product.

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**SECTION 14: Transport Information**

ADR-UN Number	3082
ADR-Class	9
ADR-Shipping Name	Environmentally hazardous substance, liquid, n.o.s. (Contains: Hexyl salicylate)
ADR-Packing Group	III
ADR-Tunnel Code	E
IATA-UN Number	3082
IATA-Class	9
IATA-Shipping Name	Environmentally hazardous substance, liquid, n.o.s. (Contains: Hexyl salicylate)
IATA-Label	Miscellaneous
IATA-Packing Group	III
IATA-S.P.	A97
IATA-ERG	9L
IMDG-Marine Pollutant	Marine Pollutant
IMDG-UN Number	3082
IMDG-Class	9
IMDG-Shipping Name	Environmentally hazardous substance, liquid, n.o.s. (Contains: Hexyl salicylate)
IMDG-Packing group	III
IMDG-Storage Category	A

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**SECTION 15: Regulatory information****15.1. General Information**

For classification and labelling information see section 2. The classification of this mixture is in accordance with EC 1272/2008 as amended

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out for this mixture

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**SECTION 16: Other Information**

**16.1. Classification Contribution Values**

<b>H304:</b>	0.334	<b>H305:</b>	0.000		
<b>H314-1A:</b>	0.000	<b>H314-1B:</b>	0.000	<b>H314-1C:</b>	0.000
<b>H315:</b>	4.449	<b>H316:</b>	0.000		
<b>H317:</b>	25.528	<b>H317-1A:</b>	0.000	<b>H317-1B:</b>	0.000
<b>H318:</b>	0.000	<b>H319:</b>	4.316		
<b>H334-1A:</b>	0.000	<b>H334-1B:</b>	0.000		
<b>H335:</b>	0.000	<b>H336:</b>	0.001		
<b>H340-1A:</b>	0.000	<b>H340-1B:</b>	0.000	<b>H341:</b>	0.000
<b>H350-1A:</b>	0.000	<b>H350-1B:</b>	0.000	<b>H351:</b>	0.000
<b>H360-1A:</b>	0.000	<b>H360-1B:</b>	0.000	<b>H361:</b>	0.000
<b>H370:</b>	0.000	<b>H371:</b>	0.000	<b>H372:</b>	0.000
<b>H400:</b>	0.796	<b>H410:</b>	0.752	<b>H411:</b>	7.518
<b>H413:</b>	1.215	<b>H420:</b>	0.000	<b>H362:</b>	0.000
				<b>H373:</b>	0.000
				<b>H412:</b>	75.658

**16.2. Full list of Hazard and Precautionary phrases**

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P272	Contaminated work clothing should not be allowed out of the workplace.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container according to local regulations.
P273	Avoid release to the environment.
P391	Collect spillage.

The information in this data sheet is to the best of our knowledge true and accurate, but all data, instructions and/or suggestions are made without guarantee. These statements are solely for the above-mentioned product and should help to take adequate safety precautions. This "Safety Data Sheet" replaces all previous ones.

**Revision Date:** 19/01/2020