

**Water Melon**

Version 1.0

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**SECTION 1. Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

Sales No. : SH30039  
Water Melon

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

Intended Use Fragrances : Perfume compound

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

Company : Givaudan Fragrances (Shanghai) Ltd.  
298, Li Shi Zhen Road  
PuDong Zhang Jiang High-Tech Park  
201203 SHANGHAI  
CHINA

Telephone : +862128931288  
Telefax : +862150271412  
E-mail address : global.msds\_fragrances\_raps@givaudan.com  
Responsible/issuing person

**1.4 Emergency telephone number**

+862162679090  
Please refer to section 16 for a full list of emergency phone numbers.

**SECTION 2. Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008)**

Chronic aquatic toxicity, Category 3 H412: Harmful to aquatic life with long lasting effects.

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**

Hazard statements : H412 Harmful to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**  
P273 Avoid release to the environment.  
**Disposal:**  
P501 Dispose of contents/ container to an

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approved waste disposal plant.

**Additional Labelling:**

EUH208 Contains: 3,5,5-Trimethylhexanal, 2-methyl-3-(4-isopropylphenyl)propanal. , 3-(4-tert-butylphenyl)-2-methylpropanal. , 2,4-dimethylcyclohex-3-ene-1-carbaldehyde. May produce an allergic reaction.

**2.3 Other hazards**

Hazards not Otherwise Classified. : None

**SECTION 3. Composition/information on ingredients**

**3.2 Mixtures**

**Hazardous components**

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Benzyl acetate	140-11-4 205-399-7 01-211963827242-0000 01-211963827242-0002	Aquatic Chronic 3; H412	>= 10 - < 20
2-(4-methylcyclohex-3-en-1-yl)propan-2-ol (terpineol)	8000-41-7 232-268-1 01-2119553062-49-0001 01-2119553062-49-0002 01-2119553062-49-0000	Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 3 - < 5
2-methyl-3-(4-isopropylphenyl)propanal	103-95-7 203-161-7 01-2119970582-32-0000	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Chronic 3; H412	>= 0,25 - < 1

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3,5,5-Trimethylhexanal	5435-64-3 226-603-0 01-2119404656-40-0001	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1B; H317	>= 0,1 - < 1
4-undecanolide	104-67-6 203-225-4 01-2119959333-34-0000	Aquatic Chronic 3; H412	>= 0,1 - < 0,25
3-(4-tert-butylphenyl)-2-methylpropanal	80-54-6 201-289-8 01-2119485965-18-0000 01-2119485965-18-0001 01-2119485965-18-0002	Acute Tox. 4; H302 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Repr. 2; H361 Aquatic Chronic 2; H411	>= 0,1 - < 0,25
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6 268-264-1	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Chronic 2; H411	>= 0,1 - < 0,25
1,4-methanoazulene, decahydro-4,8,8-trimethyl-9-methylene-, (1S-(1alpha,3abeta,4alpha,8abeta))-	475-20-7 207-491-2	Skin Sens. 1B; H317 Asp. Tox. 1; H304 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,025 - < 0,1
<b>Substances with a workplace exposure limit :</b>			
isopentyl acetate	123-92-2 204-662-3	Flam. Liq. 3; H226	>= 5 - < 10

For the full text of the H-Statements mentioned in this Section, see Section 16.

**Sensitising components R43 (0,1 - < 1%)**

Chemical name	CAS-No.	EINECS-No./ELINCS No.
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6	268-264-1

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3-(4-tert-butylphenyl)-2-methylpropanal	80-54-6	201-289-8
2-methyl-3-(4-isopropylphenyl)propanal	103-95-7	203-161-7

Hydrocarbons : 0 %

**SECTION 4. First aid measures**

**4.1 Description of first aid measures**

- General advice : Do not leave the victim unattended.
- If inhaled : If unconscious place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
If on skin, rinse well with water.
- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

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

- Symptoms : no data available  
Risks : no data available

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

- Treatment : no data available

**SECTION 5. Firefighting measures**

**5.1 Extinguishing media**

- Suitable extinguishing media :  
Dry chemical  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Water spray

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Unsuitable extinguishing media : High volume water jet

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

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

**5.3 Advice for firefighters**

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**SECTION 6. Accidental release measures**

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

Personal precautions : no data available

**6.2 Environmental precautions**

Environmental precautions : Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.

**6.3 Methods and materials for containment and cleaning up**

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

Not applicable

**SECTION 7. Handling and storage**

**7.1 Precautions for safe handling**

Advice on safe handling : For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Temperature class : no data available

Fire-fighting class : no data available

Dust explosion class : no data available

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**7.2 Conditions for safe storage, including any incompatibilities**

- Requirements for storage areas and containers : Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage conditions : no data available
- Advice on common storage : No materials to be especially mentioned.
- German storage class : no data available
- Other data : No decomposition if stored and applied as directed.

**7.3 Specific end use(s)**

- Specific use(s) : no data available

**SECTION 8. Exposure controls/personal protection**

**8.1 Control parameters**

Components	CAS-No.	Value	Control parameters	Update	Basis
isopentyl acetate	123-92-2	TWA	50 ppm 270 mg/m3	2000-06-16	2000/39/E C
Further information	:	Indicative			
		STEL	100 ppm 540 mg/m3	2000-06-16	2000/39/E C
Further information	:	Indicative			

**8.2 Exposure controls**

**Personal protective equipment**

- Respiratory protection : No personal respiratory protective equipment normally required.
- Eye protection : Safety glasses
- Skin and body protection : Protective suit

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Hygiene measures : General industrial hygiene practice.

**Environmental exposure controls**

General advice : Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform  
respective authorities.

**SECTION 9. Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

Physical state : liquid  
Form : liquid  
Colour : colorless to Very slightly yellow  
Taste : not determined  
Odour : Water fruit, Green  
Odour Threshold : Not applicable  
Flash point : 61 °C Method: Grabner miniflash closed cup  
Lower explosion limit : not determined  
Upper explosion limit : not determined  
Flammability (solid, gas) : Not applicable  
Oxidizing properties : no data available  
Auto-ignition temperature : not determined  
Decomposition temperature : no data available  
pH : not determined  
Melting point : not determined  
Boiling point : not determined  
Vapour pressure : 1,0801 hPa at 20 °C Calculated (99,9 %)  
Density : 880,41 kg/m3 at 20 °C  
Bulk density : Not applicable  
Water solubility : not determined  
Solubility/qualitative : practically insoluble  
Partition coefficient: n-  
octanol/water : Not applicable  
Viscosity, kinematic : no data available  
Relative vapour density : no data available  
Evaporation rate : no data available  
Explosive properties : no data available

**SECTION 10. Stability and reactivity**

**10.1 Reactivity**

none

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**10.2 Chemical stability**

The product is chemically stable.

**10.3 Possibility of hazardous reactions**

Hazardous reactions : Stable under recommended storage conditions., No hazards to be specially mentioned.

**10.4 Conditions to avoid**

Conditions to avoid : no data available

**10.5 Incompatible materials**

Materials to avoid : no data available

**10.6 Hazardous decomposition products**

Hazardous decomposition products : no data available  
Thermal decomposition : no data available

**SECTION 11. Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

**Acute oral toxicity** : No data is available on the product itself.

**Acute oral toxicity**

Benzyl acetate : LD50: 2 490 mg/kg Species: Rat

2-(4-methylcyclohex-3-en-1-yl)propan-2-ol (terpineol) : LD50: 4 000 mg/kg Species: Rat

3,5,5-Trimethylhexanal : LD50: 3 240 mg/kg Species: Rat

4-undecanolide : LD50: 18 500 mg/kg Species: Rat

3-(4-tert-butylphenyl)-2-methylpropanal : LD50: 1 390 mg/kg Species: Rat

isopentyl acetate : LD50: > 5 000 mg/kg Species: Rat

**Acute inhalation toxicity** : No data is available on the product itself.

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**Acute dermal toxicity** : No data is available on the product itself.

**Acute dermal toxicity**

2,4-dimethylcyclohex-3-ene-1-carbaldehyde : LD50: 5 000 mg/kg Species: Rabbit

1,4-methanoazulene, decahydro-4,8,8-trimethyl-9-methylene-, (1S-(1alpha,3abeta,4alpha,8abeta))- : LD50: > 5 000 mg/kg Species: Rabbit

isopentyl acetate : LD50: > 5 000 mg/kg Species: Rabbit

**Acute toxicity (other routes of administration)** : No data is available on the product itself.

**Skin corrosion/irritation** : No data is available on the product itself.  
Skin irritation

**Serious eye damage/eye irritation**

Eye irritation : No data is available on the product itself.

**Respiratory or skin sensitisation**

Sensitisation : No data is available on the product itself.

**Germ cell mutagenicity**

Germ cell mutagenicity : No data is available on the product itself.

**Carcinogenicity**

Carcinogenicity : No data is available on the product itself.

**Reproductive toxicity**

Reproductive toxicity : No data is available on the product itself.

**Target Organ Systemic Toxicant - Single exposure**

Target Organ Systemic Toxicant - Single exposure : No data is available on the product itself.

**Target Organ Systemic Toxicant - Repeated exposure**

Target Organ Systemic : No data is available on the product itself.

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Toxicant - Repeated exposure

**Aspiration hazard**

Aspiration toxicity : No data is available on the product itself.

**Phototoxicity**

Phototoxicity : No data is available on the product itself.

**Further information** : no data available

**SECTION 12. Ecological information**

**12.1 Toxicity**

Toxicity to fish : no data available  
Toxicity to daphnia and other aquatic invertebrates : no data available  
Toxicity to algae : no data available  
M-Factor  
2,4-dimethylcyclohex-3-ene-1-carbaldehyde : 1  
M-Factor  
1,4-methanoazulene, decahydro-4,8,8-trimethyl-9-methylene-, (1S-(1alpha,3abeta,4alpha,8abet a))- : 10  
Toxicity to bacteria : no data available  
Toxicity to fish (Chronic toxicity) : no data available  
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : no data available  
  
Acute aquatic toxicity : no data available  
Chronic aquatic toxicity : no data available  
Toxicity Data on Soil : no data available  
Other organisms relevant to the environment : no data available

**12.2 Persistence and degradability**

Biodegradability : no data available

**12.3 Bioaccumulative potential**

Bioaccumulation : no data available

**12.4 Mobility in soil**

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Mobility : no data available  
Distribution among environmental compartments : no data available  
Additional advice : no data available  
Environmental fate and pathways  
Physico-chemical removability : no data available

**12.5 Results of PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects**

Biochemical Oxygen Demand (BOD) : no data available  
Dissolved organic carbon (DOC) : no data available  
Chemical Oxygen Demand (COD) : no data available  
Adsorbed organic bound halogens (AOX) : no data available  
Additional ecological information : Harmful to aquatic life with long lasting effects. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**SECTION 13. Disposal considerations**

**13.1 Waste treatment methods**

Product : The product should not be allowed to enter drains, water courses or the soil.

Dispose of in accordance with local regulations.

**SECTION 14. Transport information**

**ADR/RID/ADN**

Not dangerous goods

**IATA/ICAO**

Not dangerous goods

**IMDG**

Not dangerous goods

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**SECTION 15. Regulatory information**

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

Water contaminating class : WGK 2 water endangering  
(Germany)

**15.2 Chemical safety assessment**

no data available

**SECTION 16. Other information**

**Full text of H-Statements referred to under sections 2 and 3.**

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- 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.

**Full list of Emergency response numbers worldwide.**

	Country	Phone nr		Country	Phone nr
Europe	All Europe	+44 1235 239670	APAC	All East/South East Asia	+65 3158 1074
	France	+33 1 72 11 00 03		Sri Lanka	+65 3158 1195
	Germany	+49 69 222 25285		Taiwan	+886 2 8793 3212
	Spain	+34 91 114 2520		Japan	+81 3 4578 9341
	Italy	+39 02 3604 2884		Indonesia	007 803 011 0293
	Netherlands	+31 10 713 8195		Malaysia	+60 3 6207 4347
	Turkey	+90 212 375 5231		Thailand	001 800 120 666 751
	Norway	+47 2103 4452		India	+65 3158 1198 000 800 100 7479
	Greece	+30 21 1198 3182		Pakistan	+65 3158 1329
	Portugal	+351 30880 4750		Bangladesh	+65 3158 1200
	Denmark	+45 8988 2286		Philippines	+65 3158 1203
	Sweden	+46 8 566 42573		Vietnam	+84 8 4458 2388
Poland	+48 22 307 3690	Korea	+65 3158 1285		

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**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

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	Finland	+358 9 7479 0199		Australia	+61 2 8014 4558
Middle East/Africa	All Middle East/Africa	+44 1235 239671		New Zealand	+64 9 929 1483
	Bahrain and Middle East	+973 1619 8321		China	+86 21 6267 9090
	Africa/South Africa	+27 21 300 2732		Mexico	+52 55 5004 8763
NOAM	USA and Canada	+1 866 928 0789	LATAM	Brazil	+55 11 3197 5891
	USA and Canada	+1 215 207 0061		Chile	+56 2 2582 9336
	USA and Canada	+1 202 464 2554	Global	Global	+44 1865 407333

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