

NEW CAR

Version 4.0

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

1.1 Product identifier

Sales No. : NEW CAR

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

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Chronic aquatic toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects.

Classification (67/548/EEC, 1999/45/EC)

Sensitising	R43: May cause sensitisation by skin contact.
Irritant	R38: Irritating to skin.
Dangerous for the environment	R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms :



Signal word :

Warning

Hazard statements :

H315

Causes skin irritation.

H317

May cause an allergic skin reaction.

H319

Causes serious eye irritation.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statements :

Prevention:

P261

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

P273

Avoid release to the environment.

P280

Wear protective gloves/ eye protection/ face protection.

Response:

P333 + P313

If skin irritation or rash occurs: Get medical advice/ attention.

P337 + P313

If eye irritation persists: Get medical advice/ attention.

P391

Collect spillage.

Hazardous components which must be listed on the label:

- 2-hexyl-3-phenyl-2-propenal (trans & cis) 101-86-0
- 2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetra-methylnaphthalene (main isomer) 54464-57-2
- 3-(4-tert-butylphenyl)-2-methylpropanal 80-54-6
- 2-propenyl 3-cyclohexylpropanoate (allyl 3-cyclohexyl propionate) 2705-87-5
- 2-Isopropyl-5-methylcyclohexanone 10458-14-7
- 3,7-dimethyl-6-octen-1-ol (citronellol) 106-22-9
- 2-oxabicyclo(2.2.2)octane, 1,3,3-trimethyl- (eucalyptol) 470-82-6
- 2,4-dimethylcyclohex-3-ene-1-carbaldehyde 68039-49-6
- (R)-p-mentha-1,8-diene 5989-27-5
- 2,6,6-trimethyl-Bicyclo[3.1.1]hept-2-ene (alpha-pinene) 7785-70-8
- 3,7,7-trimethylbicyclo[4.1.0]hept-3-ene 13466-78-9

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Labelling according to EC Directives (67/548/EEC, 1999/45/EC)

Hazard pictograms :



Irritant



Dangerous
for the
environment

R-phrases(s) :

R38
R43
R51/53

Irritating to skin.
May cause sensitisation by skin contact.
Toxic to aquatic organisms, may cause
long-term adverse effects in the aquatic
environment.

S-phrases(s) :

S24
S37
S57

S60

Avoid contact with skin.
Wear suitable gloves.
Use appropriate container to avoid
environmental contamination.
This material and its container must be
disposed of as hazardous waste.

Hazardous components which must be listed on the label:

- 2-hexyl-3-phenyl-2-propenal (trans & cis) 101-86-0
- 2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetra-methylnaphthalene (main isomer) 54464-57-2
- 3-(4-tert-butylphenyl)-2-methylpropanal 80-54-6
- 2-propenyl 3-cyclohexylpropanoate (allyl 3-cyclohexyl propionate) 2705-87-5

2.3 Other hazards

no data available

SECTION 3. Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
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2,6-dimethyl-7-octen-2-ol	18479-58-8 242-362-4 01-2119457274-37-0005 01-2119457274-37-0006 01-2119457274-37-0002	Xi; R38	Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 20 - < 30
2-hexyl-3-phenyl-2-propenal (trans & cis)	101-86-0 202-983-3 01-2119533092-50-0002 01-2119533092-50-0000	Xi; R38 Xi; R43	Skin Sens. 1B; H317 Aquatic Chronic 2; H411	>= 10 - < 20
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	1222-05-5 214-946-9 01-2119488227-29-0002 01-2119488227-29-0000 01-2119488227-29-0003 01-2119488227-29-0001	N; R50-R53	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 5 - < 10
3,7-dimethyl-1,6-octadien-3-ol (linalool)	78-70-6 201-134-4 01-2119474016-42-0000 01-2119474016-42-0002 01-2119474016-42-0004	Xi; R38	Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 3 - < 5
3,7-dimethyl-1,6-octadien-3-yl acetate (linalyl acetate)	115-95-7 204-116-4 01-2119454789-19-0001 01-2119454789-19-0000 01-2119454789-19-0002	Xi; R38	Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 3 - < 5
4-(2,6,6-Trimethylcyclohex-1-en-1-yl)but-3-en-2-one (ionone beta)	79-77-6 238-969-9 01-2119449921-34-0000 01-2119449921-34-0002	N; R51/53	Aquatic Chronic 2; H411	>= 2,5 - < 5

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2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethylnaphthalene (main isomer)	54464-57-2 259-174-3 01-2119489989-04 01-2119489989-04-0001 01-2119489989-04-0000 01-2119489989-04-0006 01-2119489989-04-0007	Xi; R38 Xi; R43 N; R51/53	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 2,5 - < 5
3-(4-tert-butylphenyl)-2-methylpropanal	80-54-6 201-289-8 01-2119485965-18-0000 01-2119485965-18-0001 01-2119485965-18-0002	N; R51/53 Xn; R22 Xi; R43 Repr.Cat.3; R62 Xi; R38	Acute Tox. 4; H302 Skin Irrit. 2; H315 Skin Sens. 1; H317 Repr. 2; H361f Aquatic Chronic 2; H411	>= 2,5 - < 3
2-propenyl 3-cyclohexylpropanoate (allyl 3-cyclohexyl propionate)	2705-87-5 220-292-5	Xn; R20/21/22 Xi; R43 N; R50/53	Acute Tox. 4; H302 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 1 - < 2,5
hexyl acetate	142-92-7 205-572-7 01-2119976337-25-0001 01-2119976337-25-0000	R10 N; R51/53	Flam. Liq. 3; H226 Aquatic Chronic 2; H411	>= 0,25 - < 1
2-Isopropyl-5-methylcyclohexanone	10458-14-7 233-944-9 01-2119983789-09-0000 01-2119983786-15-0000	Xi; R38 Xi; R43	Skin Irrit. 2; H315 Skin Sens. 1B; H317	>= 0,1 - < 1

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3,7-dimethyl-6-octen-1-ol (citronellol)	106-22-9 203-375-0 01-2119453995-23-0000 01-2119453995-23-0001	N; R51/53 Xi; R43-R38	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1B; H317	>= 0,1 - < 1
2-oxabicyclo(2.2.2)octane, 1,3,3-trimethyl- (eucalyptol)	470-82-6 207-431-5 01-2119967772-24-0000	R10 Xi; R43	Flam. Liq. 3; H226 Skin Sens. 1B; H317	>= 0,1 - < 1
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6 268-264-1	R52/53 Xi; R36/38-R43	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1B; H317 Aquatic Chronic 3; H412	>= 0,1 - < 0,25
2,2-dimethyl-3-methylenebicyclo(2.2.1)heptane (camphene)	79-92-5 201-234-8	F; R11 Xi; R36 N; R50/53	Flam. Sol. 2; H228 Eye Irrit. 2; H319 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,1 - < 0,25
1,7,7-trimethylBicyclo[2.2.1]hept-2-yl acetate	5655-61-8 227-101-4	Xi; R38 N; R51/53		>= 0,1 - < 1
(R)-p-mentha-1,8-diene	5989-27-5 227-813-5 01-2119529223-47	R10 Xi; R38 R43 N; R50-R53 Xn; R65	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Asp. Tox. 1; H304 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,1 - < 0,25

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2,6,6-trimethyl-Bicyclo[3.1.1]hept-2-ene (alpha-pinene)	7785-70-8 201-291-9 01-2119519223-49-0000	R10 Xi; R38 Xi; R43 N; R50/53 Xn; R65	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Asp. Tox. 1; H304 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,1 - < 0,25
3,7,7-trimethylbicyclo[4.1.0]hept-3-ene	13466-78-9 236-719-3 01-2119520252-55-0000	R10 Xi; R38 Xi; R43 Xn; R65	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1; H317 Asp. Tox. 1; H304	>= 0,1 - < 1
Substances with a workplace exposure limit :				
DIETHYL 1,2-BENZENEDICARBOXYLATE	84-66-2 201-550-6 01-2119486682-27-0000			>= 1 - < 5

For the full text of the R-phrases mentioned in this Section, see Section 16.

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

Hydrocarbons : 0,8 %

SECTION 4. First aid measures**4.1 Description of first aid measures**

- General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
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 : If skin irritation persists, call a physician.
If on skin, rinse well with water.

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- If on clothes, remove clothes.
- In case of eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
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
Water spray
Carbon dioxide (CO₂)
- 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.

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SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
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 : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
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 : Do not breathe vapours/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.

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

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.
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.

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Further information on storage conditions : no data available
Advice on common storage : no data available
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
DIETHYL 1,2-BENZENEDICARBOXYLATE	84-66-2	VME	5 mg/m ³	2005-02-01	FR VLE
Further information	:	Indicative exposure limits			

8.2 Exposure controls

Personal protective equipment

Hand protection : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

Environmental exposure controls

General advice : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform

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respective authorities.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: liquid
Form	: liquid
Colour	: Pale yellow
Taste	: not determined
Odour	: aromatic, green, woody
Odour Threshold	: Not applicable
Flash point	: 76 °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	: 0,081 hPa at 20 °C Calculated (99,8 %)
Density	: 904,97 kg/m ³ 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

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

10.4 Conditions to avoid

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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 : Acute toxicity estimate
Dose: > 2 000 mg/kg
Method: Calculation method

Acute oral toxicity

2,6-dimethyl-7-octen-2-ol : LD50: 3 600 mg/kg Species: Rat

2-hexyl-3-phenyl-2-propenal (trans & cis) : LD50: 3 100 mg/kg Species: Rat

3,7-dimethyl-1,6-octadien-3-ol (linalool) : LD50: 2 790 mg/kg Species: Rat

3,7-dimethyl-1,6-octadien-3-yl acetate (linalyl acetate) : LD50: 13 934 mg/kg Species: Rat

2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethylnaphthalene (main isomer) : LD50: > 5 000 mg/kg Species: Rat

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

2-propenyl 3-cyclohexylpropanoate (allyl 3-cyclohexyl propionate) : LD50: 1 051 mg/kg Species: Rat

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

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3,7-dimethyl-6-octen-1-ol (citronellol)	: LD50: 3 450 mg/kg	Species: Rat
2,2-dimethyl-3-methylenebicyclo(2.2.1)heptane (camphene)	: LD50: > 5 000 mg/kg	Species: Rat
(R)-p-mentha-1,8-diene	: LD50: 5 600 mg/kg	Species: Mouse
2,6,6-trimethyl-Bicyclo[3.1.1]hept-2-ene (alpha-pinene)	: LD50: 3 700 mg/kg	Species: Rat
3,7,7-trimethylbicyclo[4.1.0]hept-3-ene	: LD50: 4 800 mg/kg	Species: Rat
DIETHYL 1,2-BENZENEDICARBOXYLATE	: LD50: 8 600 mg/kg	Species: Rat
Acute inhalation toxicity	: Acute toxicity estimate Dose: > 20,00 mg/l Method: Calculation method	
Acute dermal toxicity	: Acute toxicity estimate Dose: > 2 000 mg/kg Method: Calculation method	
Acute dermal toxicity 3,7-dimethyl-1,6-octadien-3-yl acetate (linalyl acetate)	: LD50: > 5 000 mg/kg	Species: Rabbit
2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethylnaphthalene (main isomer)	: LD50: > 5 000 mg/kg	Species: Rabbit
2-propenyl 3-cyclohexylpropanoate (allyl 3-cyclohexyl propionate)	: LD50: 1 600 mg/kg	Species: Rabbit
hexyl acetate	: LD50: > 5 000 mg/kg	Species: Rabbit
3,7-dimethyl-6-octen-1-ol (citronellol)	: LD50: 2 650 mg/kg	Species: Rabbit

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

(R)-p-mentha-1,8-diene : LD50: > 5 000 mg/kg Species: Rabbit

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

Skin corrosion/irritation

Skin irritation : May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation

Eye irritation : May cause irreversible eye damage.

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 Toxicant - Repeated exposure : No data is available on the product itself.

Target Organ Systemic Toxicant - Repeated exposure Aspiration hazard

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

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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

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-

hexamethylindeno[5,6-c]pyran

M-Factor

2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethylnaphthalene (main isomer)

M-Factor

2-propenyl 3-cyclohexylpropanoate (allyl 3-cyclohexyl propionate)

M-Factor

2,2-dimethyl-3-methylenebicyclo(2.2.1)heptane (camphene)

M-Factor

(R)-p-mentha-1,8-diene : 1

M-Factor

2,6,6-trimethyl-

Bicyclo[3.1.1]hept-2-ene (alpha-pinene)

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

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12.2 Persistence and degradability

Biodegradability : no data available

12.3 Bioaccumulative potential

Bioaccumulation : no data available

12.4 Mobility in soil

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 : Toxic 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.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

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Dispose of in accordance with local regulations.

SECTION 14. Transport information

ADR/RID/ADN

UN number : 3082
Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Hexamethylindanopyran, Octahydro-tetramethyl-naphthalenyl-ethanone)
Transport hazard class(es) : 9
Packing group : III
Hazard Identification Number : 90
Labels : 9
Tunnel restriction code : (E)
Environmentally hazardous : yes

IATA/CAO

UN number : 3082
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.
(Hexamethylindanopyran, Octahydro-tetramethyl-naphthalenyl-ethanone)
Class : 9
Packing group : III
Labels : 9
Environmentally hazardous : yes
Packing instruction (CAO) : 964
Packing instruction (PAX) : 964
Packing instruction (Ltd. Qty.) : Y964

IMDG

UN number : 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Hexamethylindanopyran, Octahydro-tetramethyl-naphthalenyl-ethanone)
Class : 9
Packing group : III
Labels : 9
EmS Fire : F-A
EmS Spillage : S-F
Marine pollutant : yes
Hexamethylindanopyran Octahydro-tetramethyl-naphthalenyl-ethanone
IMDG Code Segregation : None

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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 3 highly water endangering
(Germany)

15.2 Chemical Safety Assessment

no data available

SECTION 16. Other information

Full text of R-phrases referred to under sections 2 and 3

R10	Flammable.
R11	Highly flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R22	Harmful if swallowed.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R50	Very toxic to aquatic organisms.
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.
R53	May cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.
R65	Harmful: may cause lung damage if swallowed.

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

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H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H361f	Suspected of damaging fertility.
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.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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