according to Regulation (EC) No. 1907/2006



TOMATO LEAF GIVCO 224 LA

Version 4.0 Revision Date 06 JUL 2012 Print Date 07 JUL 2012

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

1.1 Product identifier

Sales No. : TOMATO LEAF GIVCO 224 LA

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 Suisse SA Chemin de la Parfumerie 5 CH-1214 VERNIER

Telephone : +41227809111 Telefax : +41227809150

E-mail address : global.msds_fragrances_raps@givaudan.com

Responsible/issuing person

1.4 Emergency telephone number

+41227809700

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 sensitization, Category 1
H317: May cause an allergic skin reaction.
H411: Toxic to aquatic life with long lasting effects.

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

Sensitising R43: May cause sensitization by skin contact.

Irritant R36/38: Irritating to eyes and 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.

P264 Wash skin thoroughly after handling. P273 Avoid release to the environment.

P280 Wear protective gloves/ eye protection/ face

protection.

Response:

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.

Hazardous components which must be listed on the label:

2,4-DIMETHYLCYCLOHEX-3-ENE- 68039-49-6
 1-CARBALDEHYDE

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

Hazard pictograms





Irritant

Dangerous for the environment

R-phrase(s) : R36/38 Irritating to eyes and skin.

R43 May cause sensitization by skin contact.
R51/53 Toxic to aquatic organisms, may cause

long-term adverse effects in the aquatic

environment.

S-phrase(s) : S24 Avoid contact with skin.

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> S26 In case of contact with eyes, rinse

> > immediately with plenty of water and seek

medical advice.

Wear suitable gloves. S37

Use appropriate container to avoid S57

environmental contamination.

This material and its container must be S60

disposed of as hazardous waste.

Hazardous components which must be listed on the label:

2,4-DIMETHYLCYCLOHEX-3-ENE-1-

CARBALDEHYDE

HEXYL 2-HYDROXYBENZOATE 6259-76-3 3,7-DIMETHYL-6-OCTEN-1-AL 106-23-0 1-CYCLOPROPYLMETHYL-4-16510-27-3

METHOXYBENZENE

Special labelling of certain : Caution - this mixture contains a substance not yet fully

mixtures tested.

2.3 Other hazards

no data available

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 [%]
2-phenoxyethanol	122-99-6 204-589-7 01-2119488943-21	Xn; R22 Xi; R36	Acute Tox. 4; H302 Eye Irrit. 2; H319	>= 5 - < 10

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2,4- DIMETHYLCYCLOHEX -3-ENE-1- CARBALDEHYDE	68039-49-6 268-264-1	R52/53 Xi; R36/38- R43	Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 3; H412 Eye Irrit. 2; H319	>= 5 - < 10
3,7-DIMETHYL-1,6- OCTADIEN-3-YL ACETATE	115-95-7 204-116-4 01-2119454789-19- 0001 01-2119454789-19- 0000	Xi; R38	Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 5 - < 10
3,7-dimethyloctan-3-ol	78-69-3 201-133-9 01-2119454788-21- 0001 01-2119454788-21- 0000	Xi; R38 N; R51/53	Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 2,5 - < 5
2-cyclohexylidene-2- phenylacetonitrile	10461-98-0 423-740-1 01-0000017023-83- 0003	Xn; R22 N; R51-R53	Acute Tox. 4; H302 Aquatic Chronic 2; H411	>= 2,5 - < 5
HEXYL 2- HYDROXYBENZOATE	6259-76-3 228-408-6 01-2119638275-36- 0002 01-2119638275-36- 0004 01-2119638275-36- 0006	N; R50/53 Xi; R38 Xi; R43	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 2,5 - < 5
3,7-DIMETHYL-2,6- OCTADIENYL ACETATE	105-87-3 203-341-5	N; R51/53	Aquatic Chronic 2; H411	>= 2,5 - < 5
3-CYCLOHEXENE-1- METHANOL,ALPHA,AL PHA,4-TRIMETHYL-, ACETATE	80-26-2 201-265-7	N; R51/53	Aquatic Chronic 2; H411	>= 2,5 - < 5
3-(1,1- DIMETHYLETHYL)CY CLOHEXYL ACETATE (CIS & TRANS)	31846-06-7 250-837-2	Xi; R38	Skin Irrit. 2; H315	>= 1 - < 5

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4-PHENYL-2,4,6- TRIMETHYL-1,3- DIOXANE	5182-36-5 225-963-6	R52/53 Xn; R22	Acute Tox. 4; H302 Aquatic Chronic 3; H412	>= 1 - < 5
3,7-DIMETHYL-6- OCTEN-1-AL	106-23-0 203-376-6 01-2119474900-37- 0000	N; R51/53 Xi; R38-R43	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Chronic 2; H411	>= 1 - < 2,5
1,1,5- TRIMETHYLHEPT-6- EN-1-YL FORMATE	25279-09-8 246-788-1	Xi; R36/38	Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 1 - < 5
2,6-dimethyl-7-octen-2- ol	18479-58-8 242-362-4	Xi; R38	Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 1 - < 5
Hexyl acetate	142-92-7 205-572-7	R10 N; R51/53	Flam. Liq. 3; H226 Aquatic Chronic 2; H411	>= 1 - < 2,5
2-PROPENYL 2(3)- METHYLBUTOXYACE TATE	67634-00-8 266-803-5	Xn; R22 Xi; R38	Acute Tox. 4; H302 Skin Irrit. 2; H315	>= 1 - < 5
1- CYCLOPROPYLMETH YL-4- METHOXYBENZENE	16510-27-3 444-110-0 01-0000018728-58- 0001	N; R51/53 Xi; R43-R41	Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Chronic 2; H411	>= 1 - < 2,5
β-methyl-3-(1- methylethyl)- benzenepropanal	125109-85-5 412-050-4 01-0000015936-60- 0001	N; R51-R53	Aquatic Chronic 2; H411	>= 0,1 - < 1

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0 = 00457104 00741		N. 55./50	Total 1: 0	
3,7-DIMETHYLOCTAN- 1-OL	106-21-8 203-374-5	N; R51/53 Xi; R38	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Aquatic Chronic 2; H411	>= 0,1 - < 1
3,7-DIMETHYL-6- OCTEN-1-YL ACETATE	150-84-5 205-775-0	N; R51/53 Xi; R38	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Aquatic Chronic 2; H411	>= 0,1 - < 1
turpentine, oil	8006-64-2 232-350-7	R10 Xn; R20/21/22- R65 Xi; R36/38 R43 N; R51-R53	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Acute Tox. 4; H302 Asp. Tox. 1; H304 Eye Irrit. 2; H319 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 2; H411	>= 0,1 - < 1
2-CYCLOHEXYL-1,6- HEPTADIEN-3-ONE	313973-37-4 441-580-9 01-0000018546-64- 0001	N; R50/53 Xi; R41-R38	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,25 - < 1
CIS & TRANS-9- UNDECENONITRILE (MAIN COMPONENTS)	131379-24-3 258-413-9 443-360-8 01-0000018675-61- 0000	N; R51/53 Xi; R38-R41	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 2; H411	>= 0,1 - < 1

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DODECANAL	112-54-9 203-983-6	N; R51/53 Xi; R38	Skin Irrit. 2; H315 Aquatic Chronic 2; H411	>= 0,1 - < 1
1,7,7- TRIMETHYLBICYCLO(2.2.1)HEPTANE-2- SPIRO-4'-(2'- ISOPROPYL-1',3'- DIOXANE)	188199-50-0 443-460-1 01-0000018685-60- 0001	N; R50/53 Xi; R41-R38	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,1 - < 0,25
thymol	89-83-8 201-944-8	C; R34 Xn; R22 N; R51-R53	Acute Tox. 4; H302 Skin Corr. 1B; H314 Aquatic Chronic 2; H411	>= 0,1 - < 1
4-Undecanolide	104-67-6 203-225-4	N; R51/53		>= 0,1 - < 1

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 : 1,2 %

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. If on clothes, remove clothes.

: Immediately flush eye(s) with plenty of water. In case of eye contact

Remove contact lenses.

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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

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media : Dry chemical

Alcohol-resistant foam Carbon dioxide (CO2)

Water spray

Unsuitable extinguishing

media High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire

fighting

: Do not allow run-off from fire fighting to enter drains or water

courses.

5.3 Advice for firefighters

Special protective equipment

for fire-fighters

: Wear self contained breathing apparatus for fire fighting 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.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

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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

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.

Further information on

storage conditions

: no data available

Advice on common storage German storage class

no data availableno data available

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Other data : No decomposition if stored and applied as directed.

7.3 Specific end uses

Specific use(s) : no data available

8. Exposure controls/personal protection

8.1 Control parameters

Components	CAS-No.	Value	Control parameters	Update	Basis
turpentine, oil	8006-64- 2	TWA	100 ppm 566 mg/m3	2005-04-06	GB EH40
		STEL	150 ppm 850 mg/m3	2005-04-06	GB EH40

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.

concentration of the dangerous substance at the work

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

respective authorities.

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9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

: liquid Physical state Form liquid

Colour : colourless, Pale yellow

: not determined Taste Odour : green, aromatic

Odour Threshold : not applicable
Flash point : 77 ℃ 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
Autoignition temperature Decomposition temperature : no data available
□□ : not determined
□□ : not determined
□□ : not determined
□□ : not determined
□□ : not determined : not determined

Melting point : not determined
Boiling point : not determined
Vapour pressure : 0,2542 hPa at 20 °C Calculated (93,6 %)
Density : 939,97 kg/m3 at 20 °C
Bulk density : not applicable
Water solubility : not determined
Solubility/qualitative : practically insoluble
Partition coefficient: noctanol/water : not applicable

octanol/water

Viscosity, kinematic : no data available Relative vapour density : no data available Evaporation rate : no data available Explosive properties : no data available

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

Conditions to avoid : no data available

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10.5 Incompatible materials

Materials to avoid : no data available

10.6 Hazardous decomposition products

Hazardous decomposition

: no data available

products

Thermal decomposition : no data available

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity : Acute toxicity estimate

Dose: 3 339 mg/kg

Method: Calculation method

Acute oral toxicity

2-phenoxyethanol : LD50: 1 260 mg/kg Species: rat

LD50: 933 mg/kg Species: mouse

Species: rat

2,4-DIMETHYLCYCLOHEX- : LD50: > 3 100 mg/kg Species: rat

3-ENE-1-CARBALDEHYDE

OCTADIEN-3-YL ACETATE

3,7-dimethyloctan-3-ol : LD50: > 5 000 mg/kg Species: rat

LD50: > 4 500 mg/kg Species: mouse

2-cyclohexylidene-2- : LD50: 619 mg/kg Species: rat

phenylacetonitrile

HEXYL 2- : LD50: > 5 000 mg/kg Species: rat

HYDROXYBENZOATE

OCTADIENYL ACETATE

3-CYCLOHEXENE-1-

: LD50: 5 075 mg/kg

METHANOL, ALPHA, ALPHA,

4-TRIMETHYL-, ACETATE

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LD50: 4 800 mg/kg Species: mouse

DIMETHYLETHYL)CYCLOH EXYL ACETATE (CIS &

TRANS)

TRIMETHYL-1,3-DIOXANE

3,7-DIMETHYL-6-OCTEN-1- : LD50: 2 420 mg/kg Species: rat

ΑL

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

Hexyl acetate : LD50: > 5 000 mg/kg Species: rat

2-PROPENYL 2(3)- : LD50: 730 mg/kg Species: rat

METHYLBUTOXYACETATE

4-METHOXYBENZENE

 β -methyl-3-(1-methylethyl)- : LD50: > 2 000 mg/kg Species: rat

benzenepropanal

3,7-DIMETHYLOCTAN-1-OL : LD50: > 5 000 mg/kg Species: rat

3,7-DIMETHYL-6-OCTEN-1- : LD50: 6 800 mg/kg Species: rat

YL ACETATE

turpentine, oil : LD50: > 2 000 mg/kg Species: rat

2-CYCLOHEXYL-1,6- : LD50: > 2 000 mg/kg Species: rat

HEPTADIEN-3-ONE

UNDECENONITRILE (MAIN

COMPONENTS)

DODECANAL : LD50: 23 100 mg/kg Species: rat

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TRIMETHYLBICYCLO(2.2.1) HEPTANE-2-SPIRO-4'-(2'-ISOPROPYL-1',3'-DIOXANE)

thymol : LD50: 980 mg/kg Species: rat

LD50: 640 mg/kg Species: mouse

LD50: 880 mg/kg Species: guinea pig

4-Undecanolide : LD50: 18 500 mg/kg Species: rat

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

Acute inhalation toxicity

phenylacetonitrile Exposure time: 4 h Species: rat

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

Acute dermal toxicity

2-phenoxyethanol : LD50: 5 000 mg/kg Species: rabbit

LD50: 14 422 mg/kg Species: rat

2,4-DIMETHYLCYCLOHEX- : LD50: 5 000 mg/kg Species: rabbit

3-ENE-1-CARBALDEHYDE

OCTADIEN-3-YL ACETATE

3,7-dimethyloctan-3-ol : LD50: > 5 000 mg/kg Species: rabbit

2-cyclohexylidene-2- : LD50: > 2 000 mg/kg Species: rat

phenylacetonitrile

HEXYL 2- : LD50: > 5 000 mg/kg Species: rabbit

HYDROXYBENZOATE

AL

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2,6-dimethyl-7-octen-2-ol : LD50: 5 000 mg/kg Species: rabbit

> LD50: 5 000 mg/kg Species: rat

Hexyl acetate : LD50: > 5000 mg/kgSpecies: rabbit

1-CYCLOPROPYLMETHYL-

4-METHOXYBENZENE

: LD50: > 2 000 mg/kg

Species: rat

β-methyl-3-(1-methylethyl)-

benzenepropanal

: LD50: > 2 000 mg/kg

Species: rat

3,7-DIMETHYLOCTAN-1-OL : LD50: 2 400 mg/kg

Species: rabbit

3,7-DIMETHYL-6-OCTEN-1- : LD50: > 2 000 mg/kg

YL ACETATE

Species: rabbit

turpentine, oil : LD50: > 2000 mg/kg Species: rabbit

2-CYCLOHEXYL-1,6-

HEPTADIEN-3-ONE

: LD50: > 2000 mg/kg

Species: rat

CIS & TRANS-9-

UNDECENONITRILE (MAIN

COMPONENTS)

: LD50: > 2 000 mg/kg

Species: rat

DODECANAL

: LD50: > 2000 mg/kg

: LD50: 2 000 mg/kg

LD50: 2 000 mg/kg

Species: rabbit

Species: rabbit

Species: rat

1,7,7-

TRIMETHYLBICYCLO(2.2.1) HEPTANE-2-SPIRO-4'-(2'-

ISOPROPYL-1',3'-DIOXANE)

of administration)

Acute toxicity (other routes: 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

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Eye irritation : May cause irreversible eye damage.

Respiratory or skin sensitization

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 : No data is available on the product itself.

Toxicant - Single exposure

Target Organ Systemic Toxicant - Repeated exposure

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

Toxicant - Repeated

exposure

Target Organ Systemic 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

12. Ecological information

12.1 Toxicity

Toxicity to fish : no data available Toxicity to daphnia and other : no data available

aquatic invertebrates.

Toxicity to algae : no data available

M-Factor

HEXYL 2- : 1

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HYDROXYBENZOATE

M-Factor

2-CYCLOHEXYL-1,6-: 1

HEPTADIEN-3-ONE

M-Factor

1,7,7-: 1

TRIMETHYLBICYCLO(2.2.1) HEPTANE-2-SPIRO-4'-(2'-ISOPROPYL-1',3'-DIOXANE)

Toxicity to bacteria : no data available Toxicity to fish (Chronic : no data available

toxicity)

Toxicity to daphnia and other : no data available

aquatic invertebrates. (Chronic toxicity)

Acute aquatic toxicity : no data available Chronic aquatic toxicity : no data available Toxicity Data on Soil : no data available Other organisms relevant to : no data available

the environment

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 : no data available

environmental compartments

Additional advice : no data available

Environmental fate and

pathways

Physico-chemical : no data available

removability

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

Biochemical Oxygen : no data available

Demand (BOD)

Dissolved organic carbon : no data available

(DOC)

Chemical Oxygen Demand : no data available

(COD)

Adsorbed organic bound : no data available

halogens (AOX)

Additional ecological : An environmental hazard cannot be excluded in the event of

information unprofessional handling or disposal. Toxic to aquatic life with

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long lasting effects.

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.

Dispose of in accordance with local regulations.

14. Transport information

ADR/RID/ADN

UN number : 3082

Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.

(Hexyl salicylate)

Transport hazard class(es) : 9
Packing group : III
Hazard identification No : 90
Labels : 9
Tunnel restriction code : (E)

Environmentally hazardous : yes

IATA/ICAO

UN number : 3082

Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.

(Hexyl salicylate)

Class : 9
Packing group : III
Labels : 9
Environmentally hazardous : yes

Packing instruction (CAO) : 964
Packing instruction (PAX) : 964
Packing instruction (Ltd. : Y964

Qty.)

Administrative information:

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IMDG

UN number : 3082

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.

(Hexyl salicylate)

Class : 9
Packing group : III
Labels : 9
EmS Fire : F-A
EmS Spillage : S-F

Marine pollutant : yes

Hexyl salicylate

15. Regulatory information

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

Water contaminating class

(Germany)

: WGK 2 water endangering

15.2 Chemical Safety Assessment

no data available

16. Other information

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

R10 Flammable.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R32 Harmful if swallowed.
R34 Causes burns.
R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R43 May cause sensitization by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects

in the aquatic environment.

R51 Toxic to aquatic organisms.

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.

R65 Harmful: may cause lung damage if swallowed.

Administrative information:

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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.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
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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