

Product **1-31170** **PERFUME GINGER BLOSSOM**

Version **11.0** Revisiondate **01-02-2024**

Printdate **23-07-2024**

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

1.1 Product identifier

MULTI-COMPONENT MIXTURE

Product code

1-31170

PERFUME GINGER BLOSSOM

UFI :5J8Q-PC10-N006-38G8

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

Holland Aromatics B.V.
Transistorstraat 111, 1322 CL Almere
The Netherlands
Tel.+31(0)36-5 36 33 35 Fax.+31(0)365 36 55 88
Email:perfume@hollandaromatics.nl

1.4 Emergency telephone number

Tel.+31 (0) 36-5 36 33 35

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

H315 Causes skin irritation.Skin corrosion/irritation (SCI)Category 2

H317 May cause an allergic skin reaction.Sensitization, skin (SS 1 / 1B)Category 1

H411 Toxic to aquatic life with long lasting effects.Hazardous to the aquatic environment, long-term hazard (EH C)Category 2

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



GHS07



GHS09

Signalword

WARNING

Hazard statements

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

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Precautionary statements

- Prevention P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
- Response P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P361 Remove/Take off immediately all contaminated clothing.
P391 Collect spillage.

Hazardous components which must be listed on the label:

3-(4-tertbutylphenyl)propanal
trimethyl-1,3-cyclohexadienyl-2butenon
trimethyl cyclohexenyl-2-buten-1-one
2,6-dimethyl-7-octen-2-ol
1,8-cineole
a-dimethyl hydrocinnamaldehyde
1,3-benzodioxole-5-carboxaldehyde / piperonal
n-hexyl ortho hydroxy benzoate
7-acetyl-(1,8)-octahydro-1,1,6,7-tetramethylnaphthalene
limonene
linalool
linalyl acetate
1,6-octadiene,7-methyl-3-methylene-
3-octanol, 3,7-dimethyl-
cyclopentadecanolide (omega-pentadecalactone)
4-methyl-3-decen-5-ol

2.3 Other hazards

This substance/mixture does not contain components classified as persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: This substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: This substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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3. Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical Name	CAS-Nr. REACH reg.	(REGULATION (EC) No 1272/2008)	Concentration [%]
3-(4-tertbutylphenyl) propanal	18127-01-0 01-2119983533-30-xxxx	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H361Reproductive toxicity (REP)2 H373Specific target organ toxicity, repeated exposure (STO-RE)Category 2 H412Hazardous to the aquatic environment, long-term hazard (EH C)Category 3	0,1 - 1%
Acute toxicity estimate Acute oral toxicity 2500 mg/kg			
trimethyl-1,3- cyclohexadienyl -2butenon	23696-85-7 01-2120105798-49-xxxx	H315Skin corrosion/irritation (SCI)Category 2 H317+Sensitization, skin (SS 1A)Category 1 H411Hazardous to the aquatic environment, long-term hazard (EH C)Category 2	0,01 - 0,1%
Acute toxicity estimate Acute dermal toxicity 2900 mg/kg			
trimethyl cyclohexenyl -2-buten-1-one	35044-68-9 01-2120094433-55-xxxx	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H411Hazardous to the aquatic environment, long-term hazard (EH C)Category 2	0,1 - 1%
Acute toxicity estimate Acute oral toxicity 2920 mg/kg			
2,6-dimethyl-7-octen-2- ol	18479-58-8 01-2119457274-37-xxxx	H315Skin corrosion/irritation (SCI)Category 2 H319Serious eye damage/eye irritation (ED)Category 2A H336Specific target organ toxicity, single exposure; Narcotic effects (STO-SE (NE))3	1 - 5%
Acute toxicity estimate Acute oral toxicity 3020 mg/kg			

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Product		PERFUME GINGER BLOSSOM	
Version	11.0	Revisiondate	01-02-2024
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1,8-cineole	470-82-6	H226Flammable liquids (FL)Category 3 H317Sensitization, skin (SS 1 / 1B)Category 1	1 - 5%
	01-2119967772-24-xxxx		
		Acute toxicity estimate Acute oral toxicity	2480 mg/kg
a-dimethyl hydrocinnamaldehyde	67634-15-5	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H411Hazardous to the aquatic environment, long-term hazard (EH C)Category 2	0,1 - 1%
	01-2120758796-34-xxxx		
		M Factor	Acute 1
1,3-benzodioxole-5- carboxaldehyde / piperonal	120-57-0	H317Sensitization, skin (SS 1 / 1B)Category 1	0,1 - 1%
	01-2119983608-21-xxxx		
		Acute toxicity estimate Acute oral toxicity	2700 mg/kg
n-hexyl ortho hydroxy benzoate	6259-76-3	H317Sensitization, skin (SS 1 / 1B)Category 1 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H410Hazardous to the aquatic environment, long-term hazard (EH C)Category 1	1 - 5%
	01-2119638275-36-xxxx		
		M Factor	Acute 1; Chronic 1
7-acetyl-(1,8)-octahydro -1,1,6,7- tetramethylnapthalene	54464-57-2	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H410Hazardous to the aquatic environment, long-term hazard (EH C)Category 1	0,1 - 1%
	01-2119489989-04-xxxx		
limonene	5989-27-5	H226Flammable liquids (FL)Category 3 H304Aspiration hazard (AH)Category 1 H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H412Hazardous to the aquatic environment, long-term hazard (EH C)Category 3	5 - 10%
	01-2119529223-47-xxxx		
		M Factor	Acute 1
		Acute toxicity estimate Acute oral toxicity	>2000 mg/kg

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Version 11.0		Revisiondate		01-02-2024	
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linalool	78-70-6	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H319Serious eye damage/eye irritation (EDI)Category 2A		1 - 5%	
	01-2119474016-42-xxxx				
		Acute toxicity estimate			
		Acute oral toxicity 2790 mg/kg			
linalyl acetate	115-95-7	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1		5 - 10%	
	01-2119454789-19-xxxx				
1,6-octadiene,7-methyl-3-methylene-	123-35-3	H226Flammable liquids (FL)Category 3 H304Aspiration hazard (AH)Category 1 H315Skin corrosion/irritation (SCI)Category 2 H319Serious eye damage/eye irritation (EDI)Category 2A H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H411Hazardous to the aquatic environment, long-term hazard (EH C)Category 2		0,1 - 1%	
	01-2119514321-56-xxxx				
		M Factor Acute 1			
3-octanol, 3,7-dimethyl-	78-69-3	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H319Serious eye damage/eye irritation (EDI)Category 2A		0,1 - 1%	
	01-2119454788-21-xxxx				
cyclopentadecanolide (omega-pentadecalactone)	106-02-5	H317Sensitization, skin (SS 1 / 1B)Category 1 H411Hazardous to the aquatic environment, long-term hazard (EH C)Category 2		1 - 5%	
	01-2119987323-31-xxxx				
4-methyl-3-decen-5-ol	81782-77-6	H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H411Hazardous to the aquatic environment, long-term hazard (EH C)Category 2		0,1 - 1%	
	01-2119983528-21-xxxx				
		M Factor Acute 1			

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

4. First aid measures

4.1 Description of first aid measures

General advice	Move out of dangerous area. Consult a physician. 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 on skin, rinse well with water.
In case of eye contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 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 induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Take victim immediately to hospital.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	no data available
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4.3 Indication of any immediate medical attention and special treatment needed

Treatment	no data available
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5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Dry chemical Alcohol-resistant foam Carbon dioxide (CO ₂) Water spray
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.
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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.
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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.
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6.4 Reference to other sections

not applicable

7. Handling and storage

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7.1 Precautions for safe handling

Advice on safe handling	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. To avoid spills during handling keep bottle on a metal tray. 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	no data available
German storage class	no data available
Other data	No decomposition if stored and applied as directed.

7.3 Specific end uses

Specific use(s)	no data available
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8. Exposure controls/personal protection

8.1 Control parameters

DIPROPYLENE GLYCOL

Workingprogram : Limits Zwitserland Limits : 200 milligram per kubieke meter inhaleerbare fractie Publication : SuvaPro Grenzwerte am Arbeitsplatz 2009

Workingprogram : Limits Duitsland-AGS Limits : 67 milligram per kubieke meter inhaleerbare fractie Publication : TRGS 900

LIMONENE

Workingprogram : Werkprogramma Overname buitenlandse Limits (dossier 11) Limits : 110 milligram per kubieke meter Publication : 38975

Workingprogram : Limits Duitsland-AGS Limits : 20 parts per million Publication : TRGS 900

Workingprogram : Limits Zwitserland Limits : 20 parts per million Publication : SuvaPro Grenzwerte am Arbeitsplatz 2009

Workingprogram : Limits Noorwegen 2010 Limits : 25 parts per million Publication : Administrative normer for forurensning i arbeidsatmosfaere; 13.

uitgave november 2009; Arbeidstilsynet

Workingprogram : Limits Noorwegen 2010 Limits : 25 parts per million Publication : Administrative normer for forurensning i arbeidsatmosfaere; 13.

uitgave november 2009; Arbeidstilsynet

Workingprogram : Limits Finland 2007 Limits : 25 parts per million Publication : Julkaisuja 2004:4

PINENE ALPHA

Workingprogram : Limits België 2009 Limits : 20 parts per million Publication : Belgisch Staatsblad 19 mei 2009; N. 2009- -2065

Workingprogram : Limits Zweden 2005 Limits : 25 parts per million Publication : AFS 2005:17

Workingprogram : Limits Noorwegen 2010 Limits : 25 parts per million Publication : Administrative normer for forurensning i arbeidsatmosfaere; 13. uitgave november 2009; Arbeidstilsynet

8.2 Exposure controls

Personal protective equipment

Hand protection	Use protective gloves. Gloves must comply with standard EN 374-1/2/3. Suitable material: Nitrile Breakthrough time (maximum wearing time): >30 min. Thickness of the material: 0.13 mm
Eye protection	Eye wash bottle with pure water Tightly fitting, approved safety goggles with side shields with standard EN166.

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Skin and body protection	Wear face-shield and protective suit for abnormal processing problems. 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 respective authorities.
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9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	liquid
Color	Colorless liquid
Odor	not determined
Odour Threshold	not applicable
Flash point	>100°C
Lower explosion limit	not determined
Upper explosion limit	not determined
Flammability (solid, gas)	not applicable
Oxidizing properties	not applicable
Autoignition temperature	not determined
Decomposition temperature	no data available
pH	not determined
Melting point	not determined
Boiling point	not determined
Vapour pressure	not determined
Density	0,977
Bulk density	not applicable
Water solubility	not determined
Solubility/qualitative	practically insoluble
Partition coeff octanol/H ₂ O	not applicable
Viscosity, kinematic	no data available
Relative vapour density	no data available
Evaporation rate	no data available
Explosive properties	no data available

9.2 Other information	not applicable
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10. Stability and reactivity

10.1 Reactivity	none
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10.2 Chemical stability	The product is chemically stable.
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10.3 Possibility of hazardous reactions

Hazardous reactions	No decomposition if stored and applied as directed.
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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
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10.6 Hazardous decomposition products

Hazardous decomposition products	no data available
Thermal decomposition	no data available

11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity	Estimated Acute toxicity Dosis mg/kg :	4228
Method	Calculationmethod	

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Acute inhalation toxicity	Estimated Acute toxicity Dosis mg/ltr :
Method	Calculationmethod No data is available on the product itself.
Acute dermale toxicity	Estimated Acute toxicity Dosis mg/kg : 4983
Method	Calculationmethod
Acute toxicity (other routes of administration)	No data is available on the product itself.
Skin corrosion/irritation	
Skin irritation	No data is available on the product itself.
Serious eye damage/eye irritation	
Eye irritation	No data is available on the product itself.
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 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.
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

11.2 Information on other hazards

Endocrine disrupting properties Assessment

This substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Further information no data available

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

12.2 Persistence and degradability

Biodegradability	no data available
Biodegradability BO (Biodegradable Organics) %	98,6

12.3 Bioaccumulative potential

Bioaccumulation	no data available
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12.4 Mobility in soil

Mobility	no data available
Distribution among environmental compartments	

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no data available
Additional advice Environmental fate and pathways
no data available
Physico-chemical removability no data available

12.5 Results of PBT and vPvB assessment

Assessment

This substance/mixture does not contain components classified as persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Assessment

This substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 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
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

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	UNnumber	UN-number 3082 (Environmentally hazardous substance, liquid, N.O.S.)
	Description of Goods	(n-hexyl ortho hydroxy benzoate & cyclopentadecanolide (omega-pentadecalactone))
	Transportclass and packaging group	9 PG III
	Dangerous for the environment	yes
	Additional information	Special Provision 375: this product is not subject to the other provisions of the ADR when transported in sizes of ≤5L or ≤5kg, provided that the packaging complies with the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

IATA/ICAO	UNnumber	UN-number 3082 (Environmentally hazardous substance, liquid, N.O.S.)
	Description of Goods	(n-hexyl ortho hydroxy benzoate & cyclopentadecanolide (omega-pentadecalactone))
	Transportclass and packaging group	9 PG III
	Dangerous for the environment	yes

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Additional information Special Provision A197: this product is not subject to the other provisions of IATA when transported in sizes of ≤5L or ≤5kg, provided that the packaging complies with the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8 .

IMDG

UNnumber UN-number 3082 (Environmentally hazardous substance, liquid, N.O.S.)

Description of Goods (n-hexyl ortho hydroxy benzoate & cyclopentadecanolide (omega-pentadecalactone))

Transportclass and packaging group 9 PG III

marine pollution yes

Additional information

IMDG 2.10.2.7: this product is not subject to the other provisions of the IMDG when transported in sizes of ≤5L or ≤5kg, provided that the packages comply with the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

15. Regulatory information

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

ABM Cat Water hazard class NL (ABM) Cat A2

WGK WGK3

15.2 Chemical Safety Assessment

A chemical safety assessment is not required for this substance

16. Other information

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

H226 Flammable liquid and vapour.

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.

H336 May cause drowsiness or dizziness.

H361 Suspected of damaging fertility or the unborn child <state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H373 May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

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.