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SAFETY DATA SHEET ORCHID FRAGRANCE

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

1.1. Product identifier

Product name	Fragrance oil for cosmetics / melt & pour soap - Orchid Geurolie voor cosmetica / gietzeep - Orchidee Fragrance oil for CP-soap and Melts - Orchid Geurolie voor CP-zeep en Melts - Orchidee Fragrance oil for candles - Orchid - Parfum voor kaarsen - Orchidee
Product number	40166 - GOG156 - GOC014 - PK016

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

Identified uses	Concentrated material for manufacturing purposes only.
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1.3. Details of the supplier of the safety data sheet

SUPPLIER	SoapQueen vof Veilingdreef 20 4614 RX Bergen op Zoom Nederland
CONTACT PERSON	Regulatory Manager (Aanwezige leidinggevende)

1.4. Emergency telephone number

EMERGENCY TELEPHONE	+31 (0)164 254900 - Office Hours: 09:00 - 17:00 (weekdays only)
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Repr. 1A - H360
Environmental hazards	Aquatic Chronic 2 - H411

2.2. Label elements

Pictogram



Signal word	Danger
Hazard statements	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H360 May damage fertility or the unborn child. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water.

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Contains	<p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>BUTYLPHENYL METHYLPROPIONAL, BENZYL SALICYLATE , HEXYL CINNAMAL, AMYL CINNAMAL, CITRONELLOL, CYCLAMEN ALDEHYDE, LIMONENE, GERANIOL, PHENYLACETALDEHYDE, HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE, ISOEUGENOL , NEROL, ACETYLCEDRENE</p>
Supplementary precautionary statements	<p>P201 Obtain special instructions before use.</p> <p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P308+P313 IF exposed or concerned: Get medical advice/ attention.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse. P391 Collect spillage.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

DIETHYL PHTHALATE CAS number: 84-66-2 EC number: 201-550-6	10-30%
Classification Not Classified	
PHENYLETHYL ALCOHOL CAS number: 60-12-8 EC number: 200-456-2	5-10%
Classification Acute Tox. 4 - H302 Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xn; R22. Xi; R36
BUTYLPHENYL METHYLPROPIONAL CAS number: 80-54-6 EC number: 201-289-8	1-5%

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Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Repr. 2 - H361 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xn; R22. Xi; R38. Repr. Cat. 3 R62, R63. N; R51/53. R43	
BENZYL SALICYLATE CAS number: 118-58-1	EC number: 204-262-9	1- 5%
Classification Eye Irrit. 2 - H319 Skin Sens. 1B - H317 Aquatic Chronic 3 - H412	Classification (67/548/EEC or 1999/45/EC) Xi; R36. R43, R52/53	
LINALOOL CAS number: 78-70-6	EC number: 201-134-4	1- 5%
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi; R36/38	
LINALYL ACETATE CAS number: 115-95-7	EC number: 204-116-4	1- 5%
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi; R36/38	
HEXYL CINNAMAL CAS number: 101-86-0 M factor (Acute) = 1	EC number: 202-983-3	1- 5%
Classification Skin Sens. 1B - H317 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) N; R50, R51/53. R43	
AMYL CINNAMAL CAS number: 122-40-7	EC number: 204-541-5	1- 5%

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Classification Skin Sens. 1B - H317 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) N; R51/53. R43	
HEXAMETHYLINDANOPYRAN CAS number: 1222-05-5 M factor (Acute) = 1	EC number: 214-946-9 M factor (Chronic) = 1	1-5%
Classification Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC or 1999/45/EC) N; R50/53	
CYCLAMEN ALDEHYDE CAS number: 103-95-7	EC number: 203-161-7	1-5%
Classification Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Aquatic Chronic 3 - H412	Classification (67/548/EEC or 1999/45/EC) Xi; R38. R43, R52/53	
CITRONELLOL CAS number: 106-22-9	EC number: 203-375-0	1-5%
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xi; R36/38. N; R51/53. R43	
KEROSENE CAS number: 64742-47-8	EC number: 265-149-8	1-5%
Classification Asp. Tox. 1 - H304	Classification (67/548/EEC or 1999/45/EC) Xn; R65	
JASMOPYRANE CAS number: 18871-14-2	EC number: 242-640-5	1-5%
Classification Aquatic Chronic 3 - H412	Classification (67/548/EEC or 1999/45/EC) R52/53	
BENZYL ACETATE		1-5%

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CAS number: 140-11-4		EC number: 205-399-7		
Classification Aquatic Chronic 3 - H412		Classification (67/548/EEC or 1999/45/EC) R52/53		
TERPINEOL				1-5%
CAS number: 8000-41-7		EC number: 232-268-1		
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319		Classification (67/548/EEC or 1999/45/EC) Xi; R36/38		
LIMONENE				1-5%
CAS number: 138-86-3		EC number: 205-341-0		
M factor (Acute) = 1		M factor (Chronic) = 1		
Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410				
PHENYLACETALDEHYDE				<1%
CAS number: 122-78-1		EC number: 204-574-5		
Classification Acute Tox. 4 - H302 Skin Sens. 1B - H317		Classification (67/548/EEC or 1999/45/EC) Xn; R22. R43		
GERANIOL				<1%
CAS number: 106-24-1		EC number: 203-377-1		
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317		Classification (67/548/EEC or 1999/45/EC) Xi; R41, R38. R43		
HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE				<1%
CAS number: 31906-04-4		EC number: 250-863-4		

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Classification Skin Sens. 1B - H317	Classification (67/548/EEC or 1999/45/EC) R43	
ACETYLCEDRENE CAS number: 32388-55-9 M factor (Acute) = 1	EC number: 251-020-3	<1%
Classification Skin Sens. 1B - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC or 1999/45/EC) N; R50/53. R43	
ISOEUGENOL CAS number: 97-54-1	EC number: 202-590-7	<1%
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1A - H317	Classification (67/548/EEC or 1999/45/EC) Xn; R21/22. Xi; R36/38. R43	
MUSK KETONE CAS number: 81-14-1 M factor (Acute) = 1	EC number: 201-328-9 M factor (Chronic) = 1	<1%
Classification Carc. 2 - H351 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC or 1999/45/EC) Carc. Cat. 3 R40. N; R50/53	
BENZYL BENZOATE CAS number: 120-51-4 M factor (Acute) = 1	EC number: 204-402-9	<1%
Classification Acute Tox. 4 - H302 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xn; R22. N; R50, R51/53	
NEROL CAS number: 106-25-2	EC number: 203-378-7	<1%

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<p>Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317</p>	<p>Classification (67/548/EEC or 1999/45/EC) Xi; R36/38. R43</p>
<p>INDOLE CAS number: 120-72-9</p>	<p>EC number: 204-420-7 <1%</p>
<p>Classification Acute Tox. 4 - H302 Acute Tox. 3 - H311</p>	<p>Classification (67/548/EEC or 1999/45/EC) T; R24. Xn; R22</p>
<p>P-CRESYL METHYLETHER CAS number: 104-93-8</p>	<p>EC number: 203-253-7 <1%</p>
<p>Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361 Aquatic Chronic 3 - H412</p>	<p>Classification (67/548/EEC or 1999/45/EC) Xn; R22. Xi; R36/38. Repr. Cat. 3 R62, R63. R52/53, R10</p>
<p>ALPHA-CEDRENE CAS number: 469-61-4 M factor (Acute) = 10</p>	<p>EC number: 207-418-4 M factor (Chronic) = 10 <1%</p>
<p>Classification Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410</p>	<p>Classification (67/548/EEC or 1999/45/EC) Xn; R65. N; R50/53</p>
<p>STYRENE CAS number: 100-42-5</p>	<p>EC number: 202-851-5 <1%</p>
<p>Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361d STOT SE 3 - H335 STOT RE 1 - H372 Asp. Tox. 1 - H304</p>	<p>Classification (67/548/EEC or 1999/45/EC) T; R48/23. Xn; R65, R20. Xi; R36/37/38. Repr. Cat. 3 R63. R10</p>

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ALCOHOL		<1%
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 012119457610-43-XXXX
Classification Flam. Liq. 2 - H225	Classification (67/548/EEC or 1999/45/EC) F; R11	
ISOPROPYL ACETATE		<1%
CAS number: 108-21-4	EC number: 203-561-1	
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC or 1999/45/EC) F;R11 Xi;R36 R66 R67	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General information	Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. See Section 11 for additional information on health hazards.
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4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with the following media: Foam, carbon dioxide or dry powder.

Unsuitable extinguishing media Water.

5.2. Special hazards arising from the substance or mixture

Specific hazards Toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Containers close to fire should be removed or cooled with water.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. No smoking, sparks, flames or other sources of ignition near spillage.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Keep combustible materials away from spillage. Eliminate all sources of ignition. Provide adequate ventilation. Contain and absorb spillage with sand, earth or other non-combustible material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters Occupational exposure limits

DIETHYL PHTHALATE

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³

Short-term exposure limit (15-minute): WEL 10 mg/m³

STYRENE

Long-term exposure limit (8-hour TWA): WEL 100 ppm 430 mg/m³

Short-term exposure limit (15-minute): WEL 250 ppm 1080 mg/m³

ALCOHOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

ISOPROPYL ACETATE

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 200 ppm 849 mg/m³

WEL = Workplace Exposure Limit

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8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

Environmental exposure controls

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical

al and chemical properties
Liquid.

Appearance

Colour

Yellow to Green.

Odour

Characteristic. Sweet, Floral.

Flash point

70°C

Relative density

~ 1.053 @ 20°C

9.2. Other information

Refractive index

~ 1.482 @ 20°C

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions

Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid

Avoid heat, flames and other sources of ignition.

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10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or products vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects Acute toxicity - oral

ATE oral (mg/kg) 11,622.75

Acute toxicity - dermal

ATE dermal (mg/kg) 316,000.0

Skin contact Causes skin irritation. May produce an allergic reaction.

Eye contact Causes serious eye irritation.

Acute and chronic health May damage fertility or the unborn child. hazards

PHENYLETHYL ALCOHOL

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 1,603.3 mg/kg)

Species Rat

ATE oral (mg/kg) 1,603.3

BUTYLPHENYL METHYLPROPIONAL

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 1,390.0 mg/kg)

Species Rat

ATE oral (mg/kg) 1,390.0

SECTION 12: Ecological Information

Ecotoxicity Toxic to aquatic life with long lasting effects.

12.1. Toxicity

HEXYL CINNAMAL

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C50 ≤ 1

M factor (Acute) 1

HEXAMETHYLINDANOPYRAN

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C50 ≤ 1

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M factor (Acute)	1
<u>Chronic aquatic toxicity</u>	
NOEC	0.001 < NOEC ≤ 0.01
Degradability	Rapidly degradable
M factor (Chronic)	1

12.2. Persistence and degradability

Persistence and degradability The product contains substances which are not expected to be biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste product or used containers in accordance with local regulations

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	3082
UN No. (IMDG)	3082
UN No. (ICAO)	3082
UN No. (ADN)	3082

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS BUTYLPHENYL METHYLPROPIONAL, HEXYL CINNAMAL)
Proper shipping name (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS BUTYLPHENYL METHYLPROPIONAL, HEXYL CINNAMAL)
Proper shipping name (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS BUTYLPHENYL METHYLPROPIONAL, HEXYL CINNAMAL)
Proper shipping name (ADN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS BUTYLPHENYL METHYLPROPIONAL, HEXYL CINNAMAL)

14.3. Transport hazard class(es)

ADR/RID class	9
ADR/RID classification code	M6
ADR/RID label	9
IMDG class	9
ICAO class/division	9

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ADN class 9

Transport labels



14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ADN packing group III

ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS F-A, S-F

ADR transport category 3

Emergency Action Code •3Z

Hazard Identification Number 90
(ADR/RID)

Tunnel restriction code (E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

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SECTION 16: Other information

Key literature references and sources for data	European Chemicals Agency, http://echa.europa.eu/
Issued by	Regulatory Manager
Revision date	25/05/2018
Revision	0
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H311 Toxic in contact with skin. H312 Harmful in contact with skin. 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. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H360 May damage fertility or the unborn child. H361 Suspected of damaging fertility or the unborn child. H361d Suspected of damaging the unborn child. H372 Causes damage to organs (Hearing organs) through prolonged or repeated exposure 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.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.