

Azule kleurverdieper

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 22/01/2015

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Supersedes: 08/10/2012

Version: 8.0

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

1.1. Product identifier

Product form : Mixture
Name : Azule kleurverdieper
Product code : 7805.0_68012WO48
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Professional use, Consumer use
Use of the substance/mixture : The data given here is based on the product properties as mentioned in section 1.1. and is provided on the assumption, that the product will be used in the manner and for the purposes for which the manufacturer indicates.
Use of the substance/mixture : Protective film
Function or use category : Impregnation agents

Title	Life cycle stage	Use descriptors
Professional use	Professional	SU22, PC9a, PROC8a, PROC10, ERC8a
Consumer use	Consumer	SU21, PC35, ERC8a

Full text of use descriptors: see section 16

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Azule B.V.
Duurstedelaan 1
NL-3525 AM Utrecht - Nederland
T +31 (0) 85 3001111
info@designtegels.nl

1.4. Emergency telephone number

Emergency number : See Section 1.3; Only during office hours

Country	Organisation/Company	Address	Emergency number
UNITED KINGDOM	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 3 : H226
STOT SE 3 : H336
Asp. Tox. 1 : H304
Aquatic Chronic 3 : H412

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

R10
R66
R67
R52/53

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

Azule kleurverdieper

Safety Data Sheet

according to Regulation (EC) No. 453/2010

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazardous ingredients :

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclicalcanes, (2-25 % aromatics),
Hydrocarbons, C9, aromatics, Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2%
aromatics

Hazard statements (CLP) :

H226 - Flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H336 - May cause drowsiness or dizziness
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (CLP) :

P102 - Keep out of reach of children
P210 - Keep away from hot surfaces, open flames, sparks, heat. - No smoking
P233 - Keep container tightly closed
P261 - Avoid breathing gas, vapours
P271 - Use only outdoors or in a well-ventilated area
P273 - Avoid release to the environment
P280 - Wear protective gloves, protective clothing
P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician
P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable
for breathing
P312 - Call a POISON CENTER or doctor/physician if you feel unwell
P331 - Do NOT induce vomiting
P370+P378 - In case of fire: Use Water fog., foam, dry extinguishing powder, carbon dioxide
(CO2) for extinction
P403+P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up
P501 - Dispose of contents/container to hazardous or special waste collection point, in
accordance with local, regional, national and/or international regulation

EUH phrases :

EUH066 - Repeated exposure may cause skin dryness or cracking

2.3. Other hazards

Other hazards not contributing to the classification

: No supplementary information available. The information in this section applies to the undiluted product.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	(EC no) 919-857-5 (REACH-no) 01-2119463258-33	>= 30	Xn; R65 R10 R66 R67
Hydrocarbons, C9, aromatics	(EC no) 918-668-5 (REACH-no) 01-2119455851-35	5 - 10	Xn; R65 Xi; R37 N; R51/53 R10 R66 R67
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclicalcanes, (2-25 % aromatics)	(EC no) 919-446-0 (REACH-no) 01-2119458049-33	1 - 5	Xn; R65 N; R51/53 R10 R66 R67

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	(EC no) 919-857-5 (REACH-no) 01-2119463258-33	>= 30	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304

Azule kleurverdieper

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9, aromatics	(EC no) 918-668-5 (REACH-no) 01-2119455851-35	5 - 10	Flam. Liq. 3, H226 STOT SE 3, H335 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclicalcanes, (2-25 % aromatics)	(EC no) 919-446-0 (REACH-no) 01-2119458049-33	1 - 5	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
First-aid measures after skin contact	: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Repeated exposure may cause skin dryness or cracking.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/injuries after inhalation	: May cause drowsiness or dizziness. Difficulty in breathing. Giddiness. Cough. Soar throat.
Symptoms/injuries after skin contact	: Redness, pain.
Symptoms/injuries after eye contact	: Redness, pain.
Symptoms/injuries after ingestion	: May be fatal if swallowed and enters airways. Dizziness, headaches, nausea. Abdominal pain. Vomiting. Diarrhea.

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

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Flammable liquid and vapour. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours.
Explosion hazard	: May form flammable/explosive vapour-air mixture.

5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking. Material spilled on hard surface can present a serious slipping/falling hazard.
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6.1.1. For non-emergency personnel

Emergency procedures	: Evacuate unnecessary personnel.
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6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection. Avoid breathing dust/fume/gas/mist/vapours/spray.
Emergency procedures	: Ventilate area.

6.2. Environmental precautions

Do not flush into surface water. Avoid release to the environment.

Azule kleurverdieper

Safety Data Sheet

according to Regulation (EC) No. 453/2010

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling : Normal precautions for the use of chemicals and cleaners should be taken care of. See information supplied by the manufacturer. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/... equipment.
Storage conditions : Keep only in the original container in a cool, well ventilated place. Keep container tightly closed. Protect from freezing.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics		
EU	IOELV TWA (mg/m ³)	1200 (MAC)
EU	IOELV TWA (ppm)	197 ppm (MAC)

Azule kleurverdieper	
DNEL/DMEL (additional information)	
See http	//www.dguv.de/ifa/de/gestis/limit_values/index.jsp

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	300 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1500 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	300 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	900 mg/m ³
Long-term - systemic effects, dermal	300 mg/kg bodyweight/day
Hydrocarbons, C9, aromatics	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	25 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	150 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	11 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	32 mg/m ³
Long-term - systemic effects, dermal	11 mg/kg bodyweight/day
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclicalcanes, (2-25 % aromatics)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	44 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	330 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	26 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	71 mg/m ³
Long-term - systemic effects, dermal	26 mg/kg bodyweight/day

Azule kleurverdieper

Safety Data Sheet

according to Regulation (EC) No. 453/2010

8.2. Exposure controls

Personal protective equipment	: Avoid contact with skin, eyes and clothing. Protect eyes, face and skin from liquid splashes. Avoid all unnecessary exposure. Safety glasses. Gloves. Protective clothing.
Hand protection	: protective gloves. Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Solvent-resistant gloves. Use neoprene or rubber gloves. Nitrile rubber gloves. Time of penetration is to be checked with the glove producer
Eye protection	: Eye protection should only be necessary where liquid could be splashed or sprayed. Safety glasses with side shields
Skin and body protection	: Wear suitable protective clothing. Repeated dermal contact with material can lead to defatting of the skin.
Respiratory protection	: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of inadequate ventilation wear respiratory protection. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Gas mask with filter type. Type A - High-boiling (>65 °C) organic compounds



Other information	: Do not eat, drink or smoke during use. The information in this section applies to the undiluted product.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Odour	: Solvents.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 38 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Combustible liquid, Flammable liquid and vapour
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: ≈ 0,8 g/cm ³ (20°C)
Solubility	: Material insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: < 50 (20°C)
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Flammable liquid and vapour. May form flammable/explosive vapour-air mixture. The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Not established.

Azule kleurverdieper

Safety Data Sheet

according to Regulation (EC) No. 453/2010

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
LD50 oral rat	> 5000 mg/kg (OESO 401)
LD50 dermal rabbit	> 3160 mg/kg (OESO 402)
LC50 inhalation rat (mg/l)	> 4951 mg/l/4h (OESO 403)
Hydrocarbons, C9, aromatics	
LD50 oral rat	3592 mg/kg
LD50 dermal rabbit	3160 mg/kg
LC50 inhalation rat (mg/l)	6,193 mg/l/4h
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclicalcanes, (2-25 % aromatics)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	3400 mg/kg
LC50 inhalation rat (mg/l)	13,1 mg/l/4h

Skin corrosion/irritation	: Not classified Repeated exposure may cause skin dryness or cracking
Serious eye damage/irritation	: Not classified Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: May be fatal if swallowed and enters airways.
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met. With the product as such no toxicological tests have been done. According to the criteria of art. 6 from 1999/45/EC or art. 3 from (EC) Nr. 1272/2008 [CLP] this product is classified as mentioned in section 2. Components that are toxic are mentioned in section 3.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: With the product as such no ecological tests have been done. According to the criteria of art. 7 from 1999/45/EC or art. 3 from (EC) Nr. 1272/2008 [CLP] this product is classified concerning the environment as mentioned in section 2. Components that are dangerous to the environment are mentioned in section 3.
Ecology - water	: Harmful to aquatic life with long lasting effects.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
LC50 fishes 1	2028 mg/l (LL0, 96h, Oncorhynchus mykiss)
EC50 Daphnia 1	> 3000 (LL50, 48h, Daphnia magna)
EC50 other aquatic organisms 1	3198 mg/l (Algea, NOELR/EL0, 72h, Skeletonemacostatum)
EC50 Daphnia 2	1000 (ELO, 48h, Daphnia magna)
EC50 other aquatic organisms 2	> 1000 mg/l (Algea, EL50, 72h, Pseudokirchneriella subcapitata)
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclicalcanes, (2-25 % aromatics)	
LC50 fishes 1	10 - 30 mg/l (96h, Oncorhynchus mykiss)

Azule kleurverdieper

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclicalcanes, (2-25 % aromatics)	
EC50 Daphnia 1	10 - 22 mg/l (48h)
EC50 other aquatic organisms 1	4,6 - 10 mg/l (Algea, EC50, 72h, Pseudokirchneriella subcapitata)

12.2. Persistence and degradability

Azule kleurverdieper	
Persistence and degradability	May cause long-term adverse effects in the environment.
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
Biodegradation	80 % (28d)
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclicalcanes, (2-25 % aromatics)	
Persistence and degradability	Readily biodegradable.

12.3. Bioaccumulative potential

Azule kleurverdieper	
Bioaccumulative potential	Not established.
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclicalcanes, (2-25 % aromatics)	
Log Pow	3,7 - 6,7

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment






SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste disposal recommendations	: This material and its container must be disposed of in a safe way, and as per local legislation. Product as it is : Remove to an authorized waste treatment plant. Empty containers can be dumped after cleaning according to local legislation. Recycling is preferred to disposal or incineration. Empty the packaging completely prior to disposal. Flush residue with large amounts of water.
Additional information	: Handle empty containers with care because residual vapours are flammable.
Ecology - waste materials	: Avoid release to the environment. Hazardous waste due to toxicity.
European List of Waste (LoW) code	: 20 01 99 - other fractions not otherwise specified

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
3295	3295	3295	3295	3295
14.2. UN proper shipping name				
HYDROCARBONS, LIQUID, N.O.S.	HYDROCARBONS, LIQUID, N.O.S.	Hydrocarbons, liquid, n.o.s.	HYDROCARBONS, LIQUID, N.O.S.	HYDROCARBONS, LIQUID, N.O.S.
Transport document description				
UN 3295 HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics), 3, III, (D/E)	UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, III			
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
III	III	III	III	III

Azule kleurverdieper


Safety Data Sheet

according to Regulation (EC) No. 453/2010

ADR	IMDG	IATA	ADN	RID
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (ADR)	: F1
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBF
Vehicle for tank carriage	: FL
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Operation (ADR)	: S2
Hazard identification number (Kemler No.)	: 30
Orange plates	: 
Tunnel restriction code (ADR)	: D/E
EAC code	: 3YE

14.6.2. Transport by sea

Special provisions (IMDG)	: 223
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-D
Stowage category (IMDG)	: A
MFAG-No	: 127

14.6.3. Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provisions (IATA)	: A3, A224
ERG code (IATA)	: 3L

14.6.4. Inland waterway transport

Classification code (ADN)	: F1
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T

Azule kleurverdieper

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01
Number of blue cones/lights (ADN)	: 0
Carriage prohibited (ADN)	: No
Not subject to ADN	: No

14.6.5. Rail transport

Classification code (RID)	: F1
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4
Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBF
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Colis express (express parcels) (RID)	: CE4
Hazard identification number (RID)	: 30
Carriage prohibited (RID)	: No

14.7. 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

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions
Azule kleurverdieper is not on the REACH Candidate List
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany

Water hazard class (WGK) : 3 - severe hazard to waters

Netherlands

Waterbevaarlijkheid (Water hazard class) : 8 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Saneringsinspanningen (remediation Efforts) : A - In principe niet lozen; zo ja, dan toepassen van beste bestaande technieken

15.2. Chemical safety assessment

No chemical safety assessment has been carried out
Raw materials information section 3.
See <http://esis.jrc.ec.europa.eu/index.php?PGM=dat> : Information on ingredients.
Health hazards
See Section 2 & 3 & 11.
Physical hazards
See Section 2 & 10.
Environmental hazards
See Section 2 & 3 & 12.

SECTION 16: Other information

Indication of changes:

2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Added	
2.2	Labelling according to Directive 67/548/EEC or 1999/45/EC	Removed	
2.2	Labelling according to	Added	

Azule kleurverdieper

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Regulation (EC) No.
1272/2008 [CLP]

Abbreviations and acronyms:

ABM: Algemene Beoordelings Methodiek (NL) / ADR: Accord Européen relatif au transport international des marchandises dangereuses par route / ALG: Allergen / AQTX: Aquatic Toxicity / Atm: Atmosphere (unit of pressure) / bw: bodyweight / C: Ceiling / CAR: Carcinogenic Effects / CAS No: Chemical Abstracts Service Number (see ACS – American Chemical Society) / CMRs: Carcinogenic, Mutagenic or toxic to Reproduction (substances) / CSR: Chemical Safety Report / Cc (cm³): Cubic Centimeter / DNEL: Derived No-Effect Level / EC50: half maximal effective concentration / ED50: Effective Dose 50 / ET50: Exposure Time 50 / I.V.: Intravenous / Kg: Kilogram / LC: Lethal Concentration / LC50: Median Lethal Concentration / LCLO: Lowest Lethal Airborne Concentration Tested (see also LC50, LD50) / LD: Lethal Dose / LD50: Median Lethal Dose LDLO: Lowest Lethal Dose Tested (see also LC50, LD50) / MAC: Maximum Allowable Concentration / MAK: Maximale Arbeitsplatz-Konzentration (Germany, Maximum Workplace Concentration, see OEL) / MSDS: Material Safety Data Sheet / NOAEL: No Observed Adverse Effect Level / NOEL: No Observable Effect Level / OEL: Occupational Exposure Limits / PBTs: Persistent, Bioaccumulative and Toxic substances / PEC: Predicted Environmental Concentration / PNEC: Predicted No-Effect Concentration / REACH: Registration, Evaluation, Authorisation and Restriction of Chemical substances / STEL: Short-Term Exposure Limit / STEV: Short-Term Exposure Value / STP: Sewage Treatment Plant TLM: Threshold Limit, Median / TLV-C: Threshold Limit Value-Ceiling / TLV®: Threshold Limit Value / TWA: Time-Weighted Average / WGK: Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act) / g/gms: Grams / kJ/mol: Kilojoules per mole / kPa: KiloPascal (unit of pressure) / m³: Cubic Meter / mg: Milligram / ml: Milliliter / ml Hg: Milliliters of Mercury / n.o.s.: Not Otherwise Specified / nm: nanometer / ppb: Parts Per Billion / pph: parts per hundred (= percent) / ppm: Parts Per Million / ppt: parts per trillion / vPvBs: Very Persistent and Very Bioaccumulative substances

Data sources

: 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information

: None. DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of R-, H- and EUH-phrases:

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
R10	Flammable
R37	Irritating to respiratory system
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
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful
ERC8a	Wide dispersive indoor use of processing aids in open systems
PC35	Washing and cleaning products (including solvent based products)
PC9a	Coatings and paints, thinners, paint removers
PROC10	Roller application or brushing
PROC8a	Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non dedicated facilities
SU21	Consumer uses: Private households (= general public = consumers)

Azule kleurverdieper

Safety Data Sheet

according to Regulation (EC) No. 453/2010

SU22	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
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SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product