

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 2 (replaces version 1)

Revision: 16.12.2022

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

1.1 Product identifier

Trade name: **Spider Black**

Article number: 10963

UFI: XRE2-K0J6-F00T-8RF1

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

No further relevant information available.

Application of the substance / the mixture

Maintenance product

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: AKEMI chemisch technische Spezialfabrik GmbH
Lechstrasse 28
D 90451 Nürnberg

Tel. +49(0)911-642960
Fax. +49(0)911-644456
e-mail info@akemi.de

Further information obtainable from:

Laboratory

1.4 Emergency telephone number:

Product Safety Department AKEMI chemisch technische Spezialfabrik GmbH
Tel. +49(0)911-64296-59
Reachable during the following office hours:
Monday – Thursday from 07:30 a.m. to 16:30 p.m.
Friday from 07:30 a.m. to 13:30 p.m.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

STOT SE 3 H336 May cause drowsiness or dizziness.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms

The product is classified and labelled according to the CLP regulation.



GHS02 GHS07 GHS08 GHS09

Signal word

Danger

Hazard-determining components of labelling:

Hydrocarbons, C6-C7, isoalkanes, cycloalkanes, <5% n-hexane
naphtha (petroleum), hydrodesulphurized heavy
Naphtha (petroleum), hydrotreated light
1-methoxy-2-propanol

Hazard statements

H225 Highly flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.

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P103	Read carefully and follow all instructions.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe mist/vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P312	Call a POISON CENTER/doctor if you feel unwell.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.
 Contains hydrogen[1-[(2-hydroxy-4-nitrophenyl)azo]-2-naphtholato(2-)][1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphtholato(2-)]chromate(1-). May produce an allergic reaction.

· **2.3 Other hazards**

· Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

SECTION 3: Composition/information on ingredients· **3.2 Mixtures**· Description: Mixture of substances listed below with nonhazardous additions.· Dangerous components:

EC number: 926-605-8 Reg.nr.: 01-2119486291-36	Hydrocarbons, C6-C7, isoalkanes, cycloalkanes, <5% n-hexane Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H336 EUH066	25-50%
CAS: 107-98-2 EINECS: 203-539-1 Index number: 603-064-00-3 Reg.nr.: 01-2119457435-35 02-2119752510-47-0000	1-methoxy-2-propanol Flam. Liq. 3, H226 STOT SE 3, H336	25-50%
EC number: 920-750-0 Reg.nr.: 01-2119473851-33	Naphtha (petroleum), hydrotreated light Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H336 EUH066	12.5-25%
CAS: 64742-82-1 EC number: 919-164-8 Reg.nr.: 01-2119473977-17	naphtha (petroleum), hydrodesulphurized heavy STOT RE 1, H372; Asp. Tox. 1, H304 Aquatic Chronic 3, H412 EUH066	<10%
CAS: 52277-71-1 EINECS: 257-804-1 Reg.nr.: 01-2120051092-70-xxxx	hydrogen[1-[(2-hydroxy-4-nitrophenyl)azo]-2-naphtholato(2-)][1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphtholato(2-)]chromate(1-) Eye Irrit. 2, H319; Skin Sens. 1B, H317	<1%

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CAS: 1589-47-5
 EINECS: 216-455-5
 Index number: 603-106-00-0
 Reg.nr.: 02-2119752454-37-0000

2-methoxypropanol
 Flam. Liq. 3, H226
 Repr. 1B, H360D
 Eye Dam. 1, H318
 Skin Irrit. 2, H315; STOT SE 3, H335

<1%

· Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures· **4.1 Description of first aid measures**

- General information: Immediately remove any clothing soiled by the product.
 Take affected persons out into the fresh air.
 Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
 Position and transport stably in side position.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
 In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
 If skin irritation continues, consult a doctor.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: Do not induce vomiting; call for medical help immediately.
 Drink plenty of water and provide fresh air. Call for a doctor immediately.

· **4.2 Most important symptoms and effects, both acute and delayed**

Breathing difficulty
 Headache
 Dizziness
 Dizziness
 Gastric or intestinal disorders
 Nausea
 Danger of impaired breathing.

· Hazards

· **4.3 Indication of any immediate medical attention and special treatment needed**

If swallowed, gastric irrigation with added, activated carbon.

SECTION 5: Firefighting measures· **5.1 Extinguishing media**

- Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· For safety reasons unsuitable extinguishing agents:

Water with full jet

· **5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.
 In case of fire, the following can be released:
 Carbon monoxide (CO)
 Under certain fire conditions, traces of other toxic gases cannot be excluded.

· **5.3 Advice for firefighters**

- Protective equipment: Wear self-contained respiratory protective device.
 Wear fully protective suit.
 Do not inhale explosion gases or combustion gases.
- Additional information Cool endangered receptacles with water spray.

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Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources.

Use respiratory protective device against the effects of fumes/dust/aerosol.

· 6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow product to reach sewage system or any water course.

Do not allow to enter sewers/ surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

Dispose of the material collected according to regulations.

· 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Keep receptacles tightly sealed.

Ensure good ventilation/exhaustion at the workplace.

Store in cool, dry place in tightly closed receptacles.

Keep away from heat and direct sunlight.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Use only in well ventilated areas.

· Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Protect from heat.

Highly volatile, flammable constituents are released during processing.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles:

Store in a cool location.

Store only in the original receptacle.

Prevent any seepage into the ground.

· Information about storage in one common storage facility:

Store away from oxidising agents.

Store away from foodstuffs.

· Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Keep container tightly sealed.

Protect from heat and direct sunlight.

Store receptacle in a well ventilated area.

· Storage class:

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· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

107-98-2 1-methoxy-2-propanol

IOELV	Short-term value: 568 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm Skin
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64742-82-1 naphtha (petroleum), hydrodesulphurized heavy

AGW (TRGS 900)	Long-term value: 600 mg/m ³ C9-C15 Aromaten
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· DNELs

Hydrocarbons, C6-C7, isoalkanes, cycloalkanes, <5% n-hexane

Oral	DNEL (Langzeit-wiederholt)	1,301 mg/kg bw/day (BEV)
Dermal	DNEL (Langzeit-wiederholt)	773 mg/kg bw/day (ARB)
		1,377 mg/kg bw/day (BEV)
Inhalative	DNEL (Langzeit-wiederholt)	5,306 mg/m ³ Air (ARB)
		1,131 mg/m ³ Air (BEV)

107-98-2 1-methoxy-2-propanol

Oral	DNEL (Langzeit-wiederholt)	33 mg/kg bw/day (BEV)
Dermal	DNEL (Langzeit-wiederholt)	50.6 mg/kg bw/day (ARB)
		18.1 mg/kg bw/day (BEV)
Inhalative	DNEL (Kurzzeit-akut)	553.5 mg/m ³ Air (ARB)
	DNEL (Langzeit-wiederholt)	369 mg/m ³ Air (ARB)
		43.9 mg/m ³ Air (BEV)

Naphtha (petroleum), hydrotreated light

Oral	DNEL (Langzeit-wiederholt)	699 mg/kg bw/day (BEV)
Dermal	DNEL (Langzeit-wiederholt)	773 mg/kg bw/day (ARB)
		699 mg/kg bw/day (BEV)
Inhalative	DNEL (Langzeit-wiederholt)	2,035 mg/m ³ Air (ARB)
		608 mg/m ³ Air (BEV)

· PNECs

107-98-2 1-methoxy-2-propanol

PNEC (wässrig)	100 mg/l (KA) 1 mg/l (MW) 10 mg/l (SW) 100 mg/l (WAS)
PNEC (fest)	2.47 mg/kg Trockengew (BO) 4.17 mg/kg Trockengew (MWS) 41.6 mg/kg Trockengew (SWS)

· Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls

· Appropriate engineering controls No further data; see item 7.

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· Individual protection measures, such as personal protective equipment

· General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

Do not eat, drink, smoke or sniff while working.

Use skin protection cream for skin protection.

Clean skin thoroughly immediately after handling the product.

· Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Short term filter device:

Filter AX

· Hand protection

Preventive skin protection by use of skin-protecting agents is recommended.

After use of gloves apply skin-cleaning agents and skin cosmetics.

Skin protection agent recommendation for preventive skin shelter without use of protective gloves:

STOKODERM (<http://www.stoko.com>)

Skin protection agent recommendation for preventive skin shelter in application and combination of protective gloves:

STOKO EMULSION (<http://www.stoko.com>)

Skin protection recommendation for skin cleaning after product handling:

FRAPANTOL (<http://www.stoko.com>)

Skin protection agent recommendation for skin aftercare:

STOKO VITAN (<http://www.stoko.com>)

The protection gloves to be used have to comply with the specifications of the directive 89/686/EC and the directive derived decree EN374, respectively, e.g. the above listed protection glove type. The mentioned permeation times' data were generated and verified with material samples of the recommended protection glove type in the scope of laboratory analyses of the company KCL GmbH in compliance with EN374.

This recommendation refers exclusively to the material safety data sheet referenced product delivered by Akemi and the indicated field of application. In case of product dilution or in case of mixture with different substances or chemicals, and in condition of EN374 deviation the producer of CE-approved protection gloves must be contacted for detailed information (e.g., KCL GmbH, Germany, 36124 Eichenzell, internet: <http://www.kcl.de>).



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

Fluorocarbon rubber (Viton)

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Value for the permeation: Level ≤ 6 , 480 min

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- For the permanent contact gloves made of the following materials are suitable:
 Fluorocarbon rubber (Viton)
 Vitoject (KCL, Art. No. 890)
 Nitrile rubber, NBR
 Camatril (KCL, Art. No. 730, 731, 732, 733)
- As protection from splashes gloves made of the following materials are suitable:
 Fluorocarbon rubber (Viton)
 Vitoject (KCL, Art. No. 890)
 Nitrile rubber, NBR
 Camatril (KCL, 730, 731, 732, 733)
- Not suitable are gloves made of the following materials:
 Leather gloves
 Strong material gloves
- Eye/face protection
 Tightly sealed goggles
- Body protection:
 Protective work clothing

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

- General Information
- Colour: Black
- Odour: Petrol-like
- Melting point/freezing point: Undetermined.
- Boiling point or initial boiling point and boiling range 316 °C
- Lower and upper explosion limit
- Lower: 2.3 Vol %
- Upper: ~20 Vol %
- Flash point: -18 °C
- Ignition temperature: 270 °C
- pH Not determined.
- Viscosity: Not applicable
- Kinematic viscosity at 20 °C 11 s (DIN 53211/4)
- Dynamic: Not determined.
- Solubility
- water: Not miscible or difficult to mix.
- Vapour pressure at 20 °C: 12 hPa
- Density and/or relative density
- Density at 20 °C: 0.78 g/cm³

· 9.2 Other information

- Appearance:
- Form: Fluid
- Important information on protection of health and environment, and on safety.
- Auto-ignition temperature: Product is not selfigniting.
- Explosive properties: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
- Solvent content:
- Organic solvents: 86.5 %
- Solids content: 12.9 %

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- Information with regard to physical hazard classes
- Explosives Void
- Flammable gases Void
- Aerosols Void
- Oxidising gases Void
- Gases under pressure Void
- Flammable liquids Highly flammable liquid and vapour.
- Flammable solids Void
- Self-reactive substances and mixtures Void
- Pyrophoric liquids Void
- Pyrophoric solids Void
- Self-heating substances and mixtures Void
- Substances and mixtures, which emit flammable gases in contact with water Void
- Oxidising liquids Void
- Oxidising solids Void
- Organic peroxides Void
- Corrosive to metals Void
- Desensitised explosives Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** Reacts with strong oxidising agents.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** Carbon monoxide and carbon dioxide
Flammable gases/vapours

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:**Hydrocarbons, C6-C7, isoalkanes, cycloalkanes, <5% n-hexane**

Oral	LD50	16,750 mg/kg (rat) (OECD 401)
Dermal	LD50	3,350 mg/kg (rat)
	LD50	>2,000 mg/kg (rabbit) (OECD 402)
Inhalative	LC50/4 h	259,354 mg/l (rat) (OECD 403)

107-98-2 1-methoxy-2-propanol

Oral	LD50	4,016 mg/kg (rat)
Dermal	LD50	13,500 mg/kg (rbt)

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Inhalative	LC50	27.596 mg/l (rat)
	LC50/4 h	54.6 mg/l (rat)
Naphtha (petroleum), hydrotreated light		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,800 mg/kg (rabbit)
	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4 h	>23.3 mg/l (rat)
64742-82-1 naphtha (petroleum), hydrodesulphurized heavy		
Oral	LD50	>5,000 mg/kg (rat) (OECD-Prüfrichtlinie 401)
Dermal	LD50	>3,400 mg/kg (rabbit) (OECD-Prüfrichtlinie 402)
Inhalative	LC50/4 h	>13.1 mg/l (rat)
52277-71-1 hydrogen[1-[(2-hydroxy-4-nitrophenyl)azo]-2-naphtholato(2-)][1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphtholato(2-)]chromate(1-)		
Oral	LD50	>2,000 mg/kg (rat)

- Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure May cause drowsiness or dizziness.
- STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.
- Aspiration hazard May be fatal if swallowed and enters airways.

11.2 Information on other hazards

- Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information**12.1 Toxicity**

- Aquatic toxicity:

Hydrocarbons, C6-C7, isoalkanes, cycloalkanes, <5% n-hexane

EC50/48h	3 mg/l (daphnia magna)
EL50/48h	17.06 mg/l (daphnia magna)
EL50/72h	55 mg/l (Pseudokirchneriella subcapitata)
LL50/96h	9.776 mg/l (Oncorhynchus mykiss)
NOELR/72h	30 mg/l (Pseudokirchneriella subcapitata)
NOELR/21d	3.818 mg/l (daphnia magna)
NOELR/28d	2.187 mg/l (Oncorhynchus mykiss)
LC50/96h	12 mg/l (Oncorhynchus mykiss)

107-98-2 1-methoxy-2-propanol

EC50/96h	>1,000 mg/l (BES)
EC50	>1,000 mg/l (BES) (OECD 209)
	>1,000 mg/l (Pseudokirchneriella subcapitata)
LC 0/96h	>4,600 mg/l (Leuciscus idus)
EC50/48h	23,300 mg/l (daphnia magna)
LC50/96h	>100 mg/l (daphnia magna)

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	>100 mg/l (Desmodesmus subspicatus) 6,812 mg/l (Leuciscus idus) (DIN 38412) >1,000 mg/l (Oncorhynchus mykiss) (OECD 203) 20,800 mg/l (pimephales promelas) (ASTM)
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Naphtha (petroleum), hydrotreated light

EC50/48h	3 mg/l (daphnia magna)
EL50/72h	10-30 mg/l (Pseudokirchneriella subcapitata)
LL50/96h	>13.4 mg/l (Oncorhynchus mykiss)
NOELR/72h	10 mg/l (Pseudokirchneriella subcapitata)
NOEC/21d	0.17 mg/l (daphnia magna)
LC50/96h	<10 mg/l (daphnia magna)

64742-82-1 naphtha (petroleum), hydrodesulphurized heavy

EL50/48h	10-22 mg/l (daphnia magna) (OECD 202)
EL50/72h	50-100 mg/l (Pseudokirchneriella subcapitata) (OECD201)
LL50/96h	10-100 mg/l (Oncorhynchus mykiss) (OECD 203)
NOELR/72h	3 mg/l (Pseudokirchneriella subcapitata) (OECD201)
NOEC/21d	0.097 mg/l (daphnia magna)
NOELR/21d	0.28 mg/l (daphnia magna) (OECD 211)
NOELR/28d	0.091 mg/l (Oncorhynchus mykiss)

52277-71-1 hydrogen[1-[(2-hydroxy-4-nitrophenyl)azo]-2-naphtholato(2-)] [1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphtholato(2-)]chromate(1-)

EC50/48h	>100 mg/l (daphnia magna)
EC50/72h	>100 mg/l (Lemnar minor)
LC50/96h	>100 mg/l (Brachydanio rerio)

1589-47-5 2-methoxypropanol

EC50/48h	>500 mg/l (daphnia magna)
EC50/72h	>1,000 mg/l (Selenastrum capricornutum)
LC50/96h	>1,000 mg/l (Pimephales promelas)

· **12.2 Persistence and degradability**

No further relevant information available.

· **12.3 Bioaccumulative potential**

No further relevant information available.

· **12.4 Mobility in soil**

No further relevant information available.

· **12.5 Results of PBT and vPvB assessment**

· PBT: Not applicable.

· vPvB: Not applicable.

· **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

· **12.7 Other adverse effects**

· Remark: Toxic for fish

· Additional ecological information:

· General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

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SECTION 13: Disposal considerations**· 13.1 Waste treatment methods****· Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· European waste catalogue

16 00 00	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 03 00	off-specification batches and unused products
16 03 05*	organic wastes containing hazardous substances

· Uncleaned packaging:**· Recommendation:**

Disposal must be made according to official regulations.

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

· Recommended cleansing agents:

Alcohol

SECTION 14: Transport information**· 14.1 UN number or ID number****· ADR, IMDG, IATA**

UN3295

· 14.2 UN proper shipping name**· ADR**

3295 HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C6-C7, isoalkanes, cycloalkanes, <5% n-hexane, Naphtha (petroleum), hydrotreated light), ENVIRONMENTALLY HAZARDOUS, special provision 640D

· IMDG

HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C6-C7, isoalkanes, cycloalkanes, <5% n-hexane, Naphtha (petroleum), hydrotreated light), MARINE POLLUTANT

· IATA

HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C6-C7, isoalkanes, cycloalkanes, <5% n-hexane, Naphtha (petroleum), hydrotreated light)

· 14.3 Transport hazard class(es)**· ADR****· Class**

3 (F1) Flammable liquids.

· Label

3

· IMDG**· Class**

3 Flammable liquids.

· Label

3

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· IATA· Class

3 Flammable liquids.

· Label

3

· **14.4 Packing group**· ADR, IMDG, IATA

II

· **14.5 Environmental hazards:**· Marine pollutant:

Product contains environmentally hazardous substances:

· Special marking (ADR):

Symbol (fish and tree)

Symbol (fish and tree)

· **14.6 Special precautions for user**· Hazard identification number (Kemler code):

Warning: Flammable liquids.

· EMS Number:

33

· Stowage Category

F-E, S-D

B

· **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

· Transport/Additional information:· ADR· Limited quantities (LQ)

1L

· Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

· Transport category

2

· Tunnel restriction code

D/E

· IMDG· Limited quantities (LQ)

1L

· Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

· UN "Model Regulation":

UN 3295 HYDROCARBONS, LIQUID, N.O.S.
 (HYDROCARBONS, C6-C7, ISOALKANES, CYCLOALKANES,
 <5% N-HEXANE, NAPHTHA (PETROLEUM),
 HYDROTREATED LIGHT), 3, II, ENVIRONMENTALLY
 HAZARDOUS

SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**· Directive 2012/18/EU· Named dangerous substances - ANNEX I

None of the ingredients is listed.

· Seveso category

E2 Hazardous to the Aquatic Environment

P5c FLAMMABLE LIQUIDS

· Qualifying quantity (tonnes) for the application of lower-tier requirements

200 t

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· Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

· REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

· REGULATION (EU) 2019/1148

· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

· National regulations:

· Information about limitation of use: Employment restrictions concerning juveniles must be observed.
Employment restrictions concerning pregnant and lactating women must be observed.

· Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

· Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

· VOC EU 671.2 g/l

· **15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing SDS: Laboratory

· Date of previous version: 16.12.2022

· Version number of previous version: 1

· Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic

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SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1B: Skin sensitisation – Category 1B
Repr. 1B: Reproductive toxicity – Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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