

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

1.1. Product identifier

Product form : Mixture
 Trade name : Zettex Rooftex

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

1.2.1. Relevant identified uses

Intended for general public
 Main use category : Consumer use, Professional use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Zettex Europe
 Blokweg 8
 4761 RA Zevenbergen
 T +31 (0) 888 938839 - F +31 (0) 888 938888
info@zettex.nl - www.zettex.nl

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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


Flammable liquids, Category 3 H226
 Hazardous to the aquatic environment — H412
 Chronic Hazard, Category 3
 Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) : 
 GHS02

CLP Signal word : Warning
 Hazardous ingredients : Solvent naphtha (petroleum), light aromatic
 Hazard statements (CLP) : H226 - Flammable liquid and vapour
 H412 - Harmful to aquatic life with long lasting effects
 Precautionary statements (CLP) : P102 - Keep out of reach of children
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
 P233 - Keep container tightly closed
 P241 - Use explosion-proof electrical, lighting, ventilating equipment
 P273 - Avoid release to the environment
 P280 - Wear protective gloves

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
 This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Solvent naphtha (petroleum), light aromatic	(CAS No) 64742-95-6 (EC no) 265-199-0 (REACH-no) 01-2119455851-35	< 12	Xn; R65 Xi; R37 N; R51/53 R10 R66 R67	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 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	: If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact	: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation persists, take medical advice.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Take victim to an ophthalmologist if irritation persists.
First-aid measures after ingestion	: Do NOT induce vomiting. Call a physician immediately.

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

Symptoms/injuries	: If you feel unwell, seek medical advice.
Symptoms/injuries after inhalation	: Inhalation may cause: irritation, cough, short breathing. May cause headache and dizziness. May cause drowsiness or dizziness. Obtain medical attention if breathing difficulty persists.
Symptoms/injuries after skin contact	: Remove all contaminated clothing and footwear. IF ON SKIN: Wash with plenty of soap and water. Repeated exposure may cause skin dryness or cracking.
Symptoms/injuries after eye contact	: Irritating to eyes. Rinse immediately with plenty of water for 15 minutes. Consult a doctor.
Symptoms/injuries after ingestion	: Swallowing of this material presents health hazard. May cause lung damage if swallowed. Seek a medical assistance, even if there are no immediate symptoms.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: hazy water, carbon dioxide (CO ₂), foam and powder.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Heating may cause a fire or explosion.
Explosion hazard	: May form flammable/explosive vapour-air mixture.

5.3. Advice for firefighters

Precautionary measures fire	: Evacuate area.
Firefighting instructions	: Eliminate all ignition sources if safe to do so. Fight fire remotely due to the risk of explosion. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Self-contained breathing apparatus. Complete protective clothing. Do not attempt to take action without suitable protective equipment.
Other information	: Use water spray or fog for cooling exposed containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Eliminate every possible source of ignition. No naked flames, sparks, and do not smoke.
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6.1.1. For non-emergency personnel

Emergency procedures	: Only qualified personnel equipped with suitable protective equipment may intervene. Do not get in eyes, on skin, or on clothing. Notify police and fire brigade as soon as possible.
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6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Do not attempt to take action without suitable protective equipment.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Notify authorities if liquid enters sewers or public waters. Collect spillage.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Use only outdoors or in a well-ventilated area. Eliminate all ignition sources if safe to do so. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Take precautionary measures against static discharge.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Use only non-sparking tools. Take precautionary measures against static discharge.

Storage conditions : Keep cool. Store in a well-ventilated place. Keep container tightly closed.

Storage area : Store away from direct sunlight or other heat sources.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Solvent naphtha (petroleum), light aromatic (64742-95-6)		
EU	IOELV TWA (mg/m ³)	100 mg/m ³
EU	IOELV TWA (ppm)	19 ppm

Solvent naphtha (petroleum), light aromatic (64742-95-6)	
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

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protective equipment:

Gloves.

Hand protection:

Nitrile-rubber protective gloves

Eye protection:

In case of risky circumstances: safety glasses or face shield



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Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: liquid / paste.
Colour	: black.
Odour	: aromatic.
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	: 55 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1,33 kg/l
Solubility	: Water: Insoluble
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content : 148 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Heating may cause a fire or explosion.

10.2. Chemical stability

Combustible liquid.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

All heat sources, including direct sunlight. No flames, no sparks. Eliminate all sources of ignition. Avoid shock and friction.

10.5. Incompatible materials

bases. Acids. oxidizing agents.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

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Solvent naphtha (petroleum), light aromatic (64742-95-6)	
LD50 oral rat	3592 mg/kg
LD50 dermal rabbit	> 3160 mg/kg
LC50 inhalation rat (mg/l)	> 6193 mg/m ³
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: May cause long lasting harmful effects to aquatic life.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Harmful to aquatic life with long lasting effects.

Solvent naphtha (petroleum), light aromatic (64742-95-6)	
LC50 fishes 1	9,2 mg/l Oncorhynchus mykiss (96h)
EC50 Daphnia 1	3,2 mg/l Daphnia magna (48h)
ErC50 (algae)	1 mg/l Pseudokirchneriella subcapitata (72h)

12.2. Persistence and degradability

Solvent naphtha (petroleum), light aromatic (64742-95-6)	
Biodegradation	78 % (28 days)

12.3. Bioaccumulative potential

Solvent naphtha (petroleum), light aromatic (64742-95-6)	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Zettex Rooftex	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
Component	
Solvent naphtha (petroleum), light aromatic (64742-95-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Additional information : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	: Discharging into rivers and drains is forbidden. Dispose of in accordance with relevant local regulations.
Additional information	: Flammable vapours may accumulate in the container. Clean up even minor leaks or spills if possible without unnecessary risk.
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (LoW) code	: 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances

SECTION 14: Transport information

In accordance with ADR / IMDG / RID / ADN

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14.1. UN number

UN-No.	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No.(ADN)	: Not applicable
UN-No. (RID)	: Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)	: Not applicable
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IMDG

Transport hazard class(es) (IMDG)	: Not applicable
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ADN

Transport hazard class(es) (ADN)	: Not applicable
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RID

Transport hazard class(es) (RID)	: Not applicable
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14.4. Packing group

Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: Not applicable (cf. 2.2.3.1.5)

14.6. Special precautions for user

- Overland transport

Transport regulations (ADR)	: Not applicable (cf. 2.2.3.1.5)
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- Transport by sea

Transport regulations (IMDG)	: Not applicable (cf. 2.3.2.5)
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- Inland waterway transport

Transport regulations (ADN)	: Not applicable (cf. 2.2.3.1.5)
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- Rail transport

Transport regulations (RID)	: Not applicable (cf. 2.2.3.1.5)
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14.7. Transport in bulk according to Annex II of MARPOL 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

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Zettex Rooftex - Solvent naphtha (petroleum), light aromatic
3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	Zettex Rooftex - Solvent naphtha (petroleum), light aromatic

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3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Solvent naphtha (petroleum), light aromatic
3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	Zettex Rooftex - Solvent naphtha (petroleum), light aromatic
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	Solvent naphtha (petroleum), light aromatic

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 148 g/l

15.1.2. National regulations

Germany

VwVwS Annex reference : Water hazard class (WGK) 2, hazard to waters (Classification according to VwVwS, Annex 4)
 12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Denmark

Class for fire hazard : Class II-1
 Store unit : 5 liter
 Classification remarks : R10 <H226;H412>; Emergency management guidelines for the storage of flammable liquids must be followed

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

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

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
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
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.

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