

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### White Spirit Distillation range 145 - 200 °C

Revision date: 06.02.2024

Product code: 28140

Page 1 of 15

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

##### 1.1. Product identifier

White Spirit Distillation range 145 - 200 °C

##### Further trade names

Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic (2-25%)

Substance name: Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic (2-25%)

REACH Registration Number: 01-2119458049-33-XXXX

EC No: 919-446-0

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

##### Use of the substance/mixture

Laboratory chemicals

Industrial uses: Uses of substances as such or in preparations at industrial sites

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

##### Uses advised against

Do not use for private purposes (household).

##### 1.3. Details of the supplier of the safety data sheet

Company name: AnalytiChem GmbH  
ACD

Street: Stempelstraße 6

Place: D-47167 Duisburg

Telephone: 0203/5194-0

Telefax: 0203/5194-290

E-mail: info@analytichem.de

Contact person: Abteilung Produktsicherheit

Telephone: 0203/5194-107/117

E-mail: produktsicherheit@analytichem.de

Internet: www.analytichem.de

Responsible Department: Abteilung Produktsicherheit

##### 1.4. Emergency telephone

##### number:

For Hazardous Materials [or Dangerous Goods] Incidents Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

##### Further Information

No data available

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

##### Regulation (EC) No 1272/2008

Flam. Liq. 3; H226

Carc. 1B; H350

STOT SE 3; H336

STOT RE 1; H372

Asp. Tox. 1; H304

Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

##### 2.2. Label elements

##### Regulation (EC) No 1272/2008

##### Hazard components for labelling

Kohlenwasserstoffe, C9-C12, n-Alkane, iso-Alkane, cyclisch, aromatisch (2-25%)

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### White Spirit Distillation range 145 - 200 °C

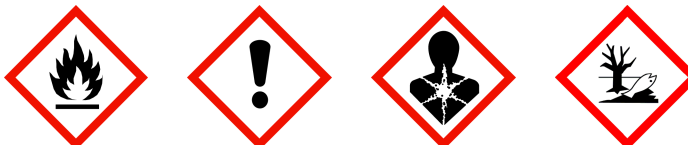
Revision date: 06.02.2024

Product code: 28140

Page 2 of 15

**Signal word:** Danger

**Pictograms:**



#### Hazard statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H350	May cause cancer.
H372	Causes damage to organs (central nervous system) through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.

#### Precautionary statements

P201	Obtain special instructions before use.
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.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P331	Do NOT induce vomiting.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/container to hazardous or special waste collection point.

#### Special labelling of certain mixtures

EUH066	Repeated exposure may cause skin dryness or cracking. Restricted to professional users.
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#### 2.3. Other hazards

No data available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**White Spirit Distillation range 145 - 200 °C**

Revision date: 06.02.2024

Product code: 28140

Page 3 of 15

**Relevant ingredients**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
	Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic (2-25%)			95 - < 100 %
	919-446-0		01-2119458049-33-XXXX	
	Flam. Liq. 3, Carc. 1B, STOT SE 3, STOT RE 1, Asp. Tox. 1, Aquatic Chronic 2; H226 H350 H336 H372 H304 H411 EUH066			
1330-20-7	xylene			1 - < 5 %
	215-535-7	601-022-00-9		
	Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2; H226 H332 H312 H315			
98-82-8	isopropylbenzene			< 1 %
	202-704-5	601-024-00-X		
	Flam. Liq. 3, Carc. 1B, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H350 H335 H304 H411			

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
	919-446-0	Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic (2-25%)	95 - < 100 %
	inhalation: LC50 = > 13,1 mg/l (vapours); oral: LD50 = > 15000 mg/kg		
1330-20-7	215-535-7	xylene	1 - < 5 %
	inhalation: LC50 = 6700 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = 12126 mg/kg; oral: LD50 = 3523 mg/kg		
98-82-8	202-704-5	isopropylbenzene	< 1 %
	dermal: LD50 = > 3160 mg/kg; oral: LD50 = 2700 mg/kg		

**Further Information**

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of = 0.1 % (w/w).

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

Self-protection of the first aider

**After inhalation**

Provide fresh air.

If breathing is irregular or stopped, administer artificial respiration.

Call a physician immediately.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap.

Take off immediately all contaminated clothing and wash it before reuse.

Call a physician immediately.

**After contact with eyes**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Remove contact lenses, if present and easy to do. Continue rinsing.

**After ingestion**

Do NOT induce vomiting.

Observe risk of aspiration if vomiting occurs.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### White Spirit Distillation range 145 - 200 °C

Revision date: 06.02.2024

Product code: 28140

Page 4 of 15

Call a physician immediately.

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

Vapours may cause drowsiness and dizziness.

Headache, Gastrointestinal complaints

Has degreasing effect on the skin.

Pneumonia, Pulmonary oedema

#### **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**

Carbon dioxide (CO<sub>2</sub>)

Foam

Extinguishing powder

Water spray jet

##### **Unsuitable extinguishing media**

Full water jet

#### **5.2. Special hazards arising from the substance or mixture**

Combustible liquids

Hazardous combustion products

In case of fire may be liberated: Carbon dioxide, Carbon monoxide

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

#### **5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

Wear full chemical protective clothing.

#### **Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Move undamaged containers from immediate hazard area if it can be done safely.

Use water spray jet to protect personnel and to cool endangered containers.

### SECTION 6: Accidental release measures

#### **6.1. Personal precautions, protective equipment and emergency procedures**

##### **General advice**

Keep away from sources of ignition - No smoking.

This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been certified as intrinsically safe).

Take action to prevent static discharges.

##### **For non-emergency personnel**

Provide adequate ventilation.

Use personal protection equipment.

Avoid contact with skin, eyes and clothes.

Remove persons to safety.

Emergency procedures

Do not breathe dust/fume/gas/mist/vapours/spray.

##### **For emergency responders**

Precautionary statements For emergency responders : Personal protection equipment: see section 8

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

The vapour of the product is heavier than air and may accumulate below ground level, in pits, channels and

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### White Spirit Distillation range 145 - 200 °C

Revision date: 06.02.2024

Product code: 28140

Page 5 of 15

basements in higher concentration.

Danger of explosion

#### **6.3. Methods and material for containment and cleaning up**

##### **For containment**

Cover drains.

Prevent spread over a wide area (e.g. by containment or oil barriers).

Collect in closed and suitable containers for disposal.

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

##### **For cleaning up**

Clean contaminated articles and floor according to the environmental legislation.

##### **Other information**

Provide adequate ventilation.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

#### **6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Read label before use. Handle and open container with care.

When using do not eat, drink, smoke, sniff. Keep container tightly closed.

Use personal protection equipment. Use extractor hood (laboratory).

Provide adequate ventilation. Do not breathe vapour.

#### **Advice on protection against fire and explosion**

Combustible liquids

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Take action to prevent static discharges.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### **Advice on general occupational hygiene**

Keep away from food, drink and animal feedingstuffs.

#### **Further information on handling**

Take off immediately all contaminated clothing and wash it before reuse.

Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. If handled uncovered, arrangements with local exhaust ventilation have to be used.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Requirements for storage rooms and vessels**

Keep in a cool, well-ventilated place.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Store in a place accessible by authorized persons only.

#### **Hints on joint storage**

Keep away from: Oxidising agent

#### **Further information on storage conditions**

Keep container tightly closed and dry.

Keep cool. Protect from sunlight.

storage temperature: +15°C - +25°C

### **7.3. Specific end use(s)**

Laboratory chemicals

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**White Spirit Distillation range 145 - 200 °C**

Revision date: 06.02.2024

Product code: 28140

Page 6 of 15

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Occupational exposure limits**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fib/cm <sup>3</sup>	Category	Origin
98-82-8	Isopropyl benzene (cumene)	10	50		TWA (8 h)	
		50	250		STEL (15 min)	
1330-20-7	Xylene, mixed isomers	50	221		TWA (8 h)	
		100	442		STEL (15 min)	

**DNEL/DMEL values**

CAS No	Substance	Exposure route	Effect	Value
	Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic (2-25%)			
	Worker DNEL, long-term	inhalation	systemic	330 mg/m <sup>3</sup>
	Worker DNEL, acute	inhalation	systemic	570 mg/m <sup>3</sup>
	Worker DNEL, long-term	dermal	systemic	21 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	71 mg/m <sup>3</sup>
	Consumer DNEL, acute	inhalation	systemic	570 mg/m <sup>3</sup>
	Consumer DNEL, long-term	dermal	systemic	12 mg/kg bw/day
	Consumer DNEL, long-term	oral	systemic	21 mg/kg bw/day
1330-20-7	xylene			
	Worker DNEL, long-term	inhalation	systemic	221 mg/m <sup>3</sup>
	Worker DNEL, acute	inhalation	systemic	442 mg/m <sup>3</sup>
	Worker DNEL, long-term	inhalation	local	221 mg/m <sup>3</sup>
	Worker DNEL, acute	inhalation	local	442 mg/m <sup>3</sup>
	Worker DNEL, long-term	dermal	systemic	212 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	65,3 mg/m <sup>3</sup>
	Consumer DNEL, acute	inhalation	systemic	260 mg/m <sup>3</sup>
	Consumer DNEL, long-term	inhalation	local	65,3 mg/m <sup>3</sup>
	Consumer DNEL, acute	inhalation	local	260 mg/m <sup>3</sup>
	Consumer DNEL, long-term	dermal	systemic	125 mg/kg bw/day
	Consumer DNEL, long-term	oral	systemic	12,5 mg/kg bw/day
98-82-8	isopropylbenzene			
	Worker DNEL, long-term	inhalation	systemic	100 mg/m <sup>3</sup>
	Worker DNEL, acute	inhalation	local	250 mg/m <sup>3</sup>
	Worker DNEL, long-term	dermal	systemic	15,4 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	16,6 mg/m <sup>3</sup>
	Consumer DNEL, long-term	dermal	systemic	1,2 mg/kg bw/day
	Consumer DNEL, long-term	oral	systemic	5 mg/kg bw/day

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### White Spirit Distillation range 145 - 200 °C

Revision date: 06.02.2024

Product code: 28140

Page 7 of 15

#### PNEC values

CAS No	Substance	Value
Environmental compartment		
1330-20-7	xylene	
Freshwater		0,327 mg/l
Freshwater (intermittent releases)		0,327 mg/l
Marine water		0,327 mg/l
Freshwater sediment		12,46 mg/kg
Marine sediment		12,46 mg/kg
Micro-organisms in sewage treatment plants (STP)		6,58 mg/l
Soil		2,31 mg/kg
98-82-8	isopropylbenzene	
Freshwater		0,035 mg/l
Freshwater (intermittent releases)		0,012 mg/l
Marine water		0,004 mg/l
Freshwater sediment		3,22 mg/kg
Marine sediment		0,322 mg/kg
Micro-organisms in sewage treatment plants (STP)		200 mg/l
Soil		0,624 mg/kg

#### Additional advice on limit values

Andere Arbeitsplatzgrenzwerte

Deutschland TRGS 900, AGW: 200 mg/m<sup>3</sup>

Kohlenwasserstoffgemische, Verwendung als Lösemittel (Lösemittelkohlenwasserstoffe), additiv-frei  
Berechnung nach RCP-Methode (TRGS 900).

Bei der Substanz handelt es sich um einen Kohlenwasserstoff komplexer, unbekannter oder variabler Zusammensetzung. Konventionelle Methoden zur Ermittlung der PNECs sind nicht geeignet und es ist nicht möglich, eine einzige repräsentative PNEC für derartige Substanzen zu ermitteln.

#### 8.2. Exposure controls

##### Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

If handled uncovered, arrangements with local exhaust ventilation have to be used.

##### Individual protection measures, such as personal protective equipment

##### Eye/face protection

goggles

Face protection umbrella

##### Hand protection

Protective gloves are recommended Company KCL GmbH, D-36124 Eichenzell, email: [vertrieb@kcl.de](mailto:vertrieb@kcl.de) With specification (test according to EN374):

By long-term hand contact

Trade name/designation: KCL 730 Camatril® Velours

Suitable material: NBR (Nitrile rubber) 0,4 mm

Wearing time with permanent contact: > 480 min

By short-term hand contact

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### White Spirit Distillation range 145 - 200 °C

Revision date: 06.02.2024

Product code: 28140

Page 8 of 15

Trade name/designation: KCL 720 Camapren®  
Suitable material: CR (polychloroprene, chloroprene rubber) 0,65 mm  
Wearing time with occasional contact (splashes): > 60 min

The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types. This recommendation applies only to the product stated in the safety data sheet (>, <) supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

#### Skin protection

Take off immediately all contaminated clothing and wash it before reuse.  
Wear fire resistant or flame retardant clothing.  
Wash hands and face before breaks and after work and take a shower if necessary.  
Draw up and observe skin protection programme.

#### Respiratory protection

Respiratory protection necessary at: aerosol or mist formation  
Filtering device with filter or ventilator filtering device of type: A

#### Environmental exposure controls

Do not allow to enter into surface water or drains.  
Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches.  
Danger of explosion

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	colourless
Odour:	like: Gasoline
Odour threshold:	No data available
Boiling point or initial boiling point and boiling range:	155-194 °C
Flammability:	No data available
Lower explosion limits:	0,7 vol. %
Upper explosion limits:	6 vol. %
Flash point:	43 °C
Auto-ignition temperature:	242 °C
Decomposition temperature:	No data available
pH-Value:	No data available
Viscosity / kinematic: (at 40 °C)	0,96 mm <sup>2</sup> /s
Water solubility:	No data available
Solubility in other solvents	No data available
Dissolution rate:	No data available
Partition coefficient n-octanol/water:	>4
Dispersion stability:	No data available
Vapour pressure:	No data available
Vapour pressure:	No data available
Density (at 15 °C):	0,79 g/cm <sup>3</sup>
Relative density:	No data available
Bulk density:	No data available
Relative vapour density:	No data available
Particle characteristics:	No data available



**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**White Spirit Distillation range 145 - 200 °C**

Revision date: 06.02.2024

Product code: 28140

Page 9 of 15

**9.2. Other information**

**Information with regard to physical hazard classes**

Explosive properties

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Sustaining combustion:

No data available

Self-ignition temperature

Solid:

No data available

Gas:

No data available

Oxidizing properties

No data available

**Other safety characteristics**

Evaporation rate:

No data available

Solvent separation test:

No data available

Solvent content:

100%

Solid content:

No data available

Sublimation point:

No data available

Softening point:

No data available

Pour point:

No data available

Viscosity / dynamic:

No data available

Flow time:

No data available

**Further Information**

No data available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

Vapours may form explosive mixtures with air.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

Oxidising agent

**10.4. Conditions to avoid**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**10.5. Incompatible materials**

Plastic articles

**10.6. Hazardous decomposition products**

In case of fire may be liberated: Carbon dioxide, Carbon monoxide

**Further information**

No data available

**SECTION 11: Toxicological information**

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

**Toxicokinetics, metabolism and distribution**

No data available

**Acute toxicity**

Based on available data, the classification criteria are not met.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**White Spirit Distillation range 145 - 200 °C**

Revision date: 06.02.2024

Product code: 28140

Page 10 of 15

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic (2-25%)				
	oral	LD50 > 15000 mg/kg	Rat	Study report (1977)	OECD Guideline 401
	inhalation (4 h) vapour	LC50 > 13,1 mg/l	Rat	Study report (1977)	OECD Guideline 403
1330-20-7	xylene				
	oral	LD50 3523 mg/kg	Rat	Study report (1986)	EU Method B.1
	dermal	LD50 12126 mg/kg	Rabbit	Publication (1962)	Single dermal dose under occlusion follo
	inhalation (4 h) vapour	LC50 6700 mg/l	Rat	Toxicol Appl Pharmacol 33:543-558. (1975)	EU Method B.2
	inhalation dust/mist	ATE 1,5 mg/l			
98-82-8	isopropylbenzene				
	oral	LD50 2700 mg/kg	Rat	Other company data (1978)	OECD Guideline 401
	dermal	LD50 > 3160 mg/kg	Rabbit	Other company data (1978)	1 New Zealand albino rabbit

**Irritation and corrosivity**

Based on available data, the classification criteria are not met.  
Repeated exposure may cause skin dryness or cracking.  
Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

**Sensitising effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

May cause cancer. (Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic (2-25%); isopropylbenzene)  
Germ cell mutagenicity: 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. (Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic (2-25%))

**STOT-repeated exposure**

Causes damage to organs through prolonged or repeated exposure. (Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic (2-25%))

**Aspiration hazard**

May be fatal if swallowed and enters airways.  
Geringste Mengen, die beim Verschlucken oder nachfolgendem Erbrechen in die Lunge gelangen, können zu einem Lungenödem oder einer Lungenentzündung führen.

**Information on likely routes of exposure**

Einatmen hoher Dampfkonzentrationen kann zu Symptomen wie Kopfschmerzen, Schwindel, Müdigkeit, Übelkeit und Erbrechen führen.

**Specific effects in experiment on an animal**

No data available

**Additional information on tests**

No data available

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### White Spirit Distillation range 145 - 200 °C

Revision date: 06.02.2024

Product code: 28140

Page 11 of 15

#### Practical experience

No data available

#### 11.2. Information on other hazards

##### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

##### Other information

No data available

#### Further information

Vapours may cause drowsiness and dizziness.

Headache, Gastrointestinal complaints

Has degreasing effect on the skin.

Pneumonia, Pulmonary oedema

### SECTION 12: Ecological information

#### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**White Spirit Distillation range 145 - 200 °C**

Revision date: 06.02.2024

Product code: 28140

Page 12 of 15

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
	Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic (2-25%)					
	Acute algae toxicity	ErC50 4,1 mg/l	72 h	Pseudokirchneriella subcapitata	REACH Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l 10 - 22	48 h	Daphnia magna	REACH Registration Dossier	OECD Guideline 202
	Fish toxicity	NOEC mg/l 0,13	28 d	Oncorhynchus mykiss	REACH Registration Dossier	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC mg/l 0,28	21 d	Daphnia magna	REACH Registration Dossier	OECD Guideline 211
1330-20-7	xylene					
	Acute fish toxicity	LC50 8,4 mg/l	96 h	Oncorhynchus mykiss	Ecotoxicology and Environmental Safety.	OECD Guideline 203
	Acute algae toxicity	ErC50 4,9 mg/l	72 h	Pseudokirchneriella subcapitata	Ecotoxicology and Environmental Safety.	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l > 3,4	48 h	Ceriodaphnia dubia	Ecotoxicology and Environmental Safety 3	other: US EPA 600/4-91-003
	Fish toxicity	NOEC mg/l > 1,3	56 d	Oncorhynchus mykiss	Appl. Sci. Branch, Eng. Res. Cent. Denve	Fish were exposed in artificial streams
	Crustacea toxicity	NOEC mg/l 1,17	7 d	Ceriodaphnia dubia	Ecotoxicology and Environmental Safety 3	other: US EPA 600/4-91-003
	Acute bacteria toxicity	EC50 mg/l ( ) > 175	0,5 h	Activated sludge	Research Journal WPCF 60(10) 1850-1856 (	OECD Guideline 209
98-82-8	isopropylbenzene					
	Acute fish toxicity	LC50 4,7 mg/l	96 h	Cyprinodon variegatus	Ecotoxicol. Environ. Saf. 31, 287-289 (1	EPA OTS 797.1400
	Acute algae toxicity	ErC50 mg/l 2,01	72 h	Desmodesmus subspicatus	Study report (2010)	EU Method C.3
	Acute crustacea toxicity	EC50 mg/l 2,14	48 h	Daphnia magna	Study report (2010)	OECD Guideline 202
	Fish toxicity	NOEC mg/l 0,38	28 d	D. rerio and P. promelas	European Chemicals Bureau (2001)	Chronic NOEC was calculated by the rappo
	Crustacea toxicity	NOEC mg/l 0,35	21 d	Daphnia magna	Draft study report (incomplete) (1998)	OECD Guideline 211
	Acute bacteria toxicity	EC50 mg/l ( ) > 2000	3 h	activated sludge of a predominantly domestic sewage	Study report (2010)	EU Method C.11

**12.2. Persistence and degradability**

74,7% 28b Basierend auf Testdaten von ähnlichen Materialien

**12.3. Bioaccumulative potential**

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### White Spirit Distillation range 145 - 200 °C

Revision date: 06.02.2024

Product code: 28140

Page 13 of 15

No data available

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
1330-20-7	xylene	3,2
98-82-8	isopropylbenzene	3,55

#### BCF

CAS No	Chemical name	BCF	Species	Source
1330-20-7	xylene	> 5,5 - < 12,2	Oncorhynchus mykiss	Appl. Sci. Branch, E
98-82-8	isopropylbenzene	94,69		Unpublished calculat

#### 12.4. Mobility in soil

Vermutlich findet keine Verteilung auf die Sedimentschicht und Abwasserfeststoffe statt.

#### 12.5. Results of PBT and vPvB assessment

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

#### 12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms.

#### 12.7. Other adverse effects

Do not allow to enter into surface water or drains.

#### Further information

Discharge into the environment must be avoided.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal recommendations

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.  
Send to a physico-chemical treatment facility under observation of official regulations.  
Do not empty into drains.

##### Contaminated packaging

Handle contaminated packages in the same way as the substance itself.  
The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

<b>14.1. UN number or ID number:</b>	UN 3295
<b>14.2. UN proper shipping name:</b>	HYDROCARBONS, LIQUID, N.O.S.
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	III
Hazard label:	3
Classification code:	F1
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	30
Tunnel restriction code:	D/E

#### Inland waterways transport (ADN)

<b>14.1. UN number or ID number:</b>	UN 3295
<b>14.2. UN proper shipping name:</b>	HYDROCARBONS, LIQUID, N.O.S.
<b>14.3. Transport hazard class(es):</b>	3

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### White Spirit Distillation range 145 - 200 °C

Revision date: 06.02.2024

Product code: 28140

Page 14 of 15

**14.4. Packing group:** III  
Hazard label: 3  
Classification code: F1  
Limited quantity: 5 L  
Excepted quantity: E1

#### Marine transport (IMDG)

**14.1. UN number or ID number:** UN 3295  
**14.2. UN proper shipping name:** HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic (2-25%))  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3  
Special Provisions: 223  
Limited quantity: 5 L  
Excepted quantity: E1  
EmS: F-E, S-D

#### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number or ID number:** UN 3295  
**14.2. UN proper shipping name:** HYDROCARBONS, LIQUID, N.O.S.  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3  
Special Provisions: A3 A324  
Limited quantity Passenger: 10 L  
Passenger LQ: Y344  
Excepted quantity: E1  
IATA-packing instructions - Passenger: 355  
IATA-max. quantity - Passenger: 60 L  
IATA-packing instructions - Cargo: 366  
IATA-max. quantity - Cargo: 220 L

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes  
Danger releasing substance: Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

### SECTION 15: Regulatory information

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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):  
Entry 3, Entry 28, Entry 29, Entry 40  
Directive 2010/75/EU on industrial emissions: 100%  
Information according to Directive 2012/18/EU (SEVESO III): E2 Hazardous to the Aquatic Environment  
Additional information: P5c

##### National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.  
Water hazard class (D): 3 - highly hazardous to water

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### White Spirit Distillation range 145 - 200 °C

Revision date: 06.02.2024

Product code: 28140

Page 15 of 15

#### SECTION 16: Other information

##### Changes

This data sheet contains changes from the previous version in section(s): 1,15.

##### Abbreviations and acronyms

Flam. Liq: Flammable liquid

Acute Tox: Acute toxicity

Asp. Tox: Aspiration hazard

Skin Irrit: Skin irritation

Carc: Carcinogenicity

STOT SE: Specific target organ toxicity - single exposure

STOT RE: Specific target organ toxicity - repeated exposure

Aquatic Chronic: Chronic aquatic hazard

##### Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H350	May cause cancer.
H372	Causes damage to organs (central nervous system) through prolonged or repeated exposure.
H372	Causes damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

##### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.