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

- · 1.1 Product identifier
- · Trade name: Cartechnic Unterboden-Schutz 1,3kg, 2,5kg
- · Article number: 278167, 278174, 4027289013237, 4027289013244
- $\cdot \, 1.2 \; Relevant \; identified \; uses \; of \; the \; substance \; or \; mixture \; and \; uses \; advised \; against$

No further relevant information available.

· Sector of Use

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

- · Product category PC9a Coatings and paints, thinners, paint removers
- · Process category

PROC10 Roller application or brushing

PROC11 Non industrial spraying

PROC7 Industrial spraying

- · Application of the substance / the mixture Coating
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

Auto-Teile-Ring GmbH

Marie-Curie-Str. 3

73770 Denkendorf, Germany

Tel.:+49 (0) 711/91 89 79-99

- E-Mail: info@cartechnic.de
- · Further information obtainable from: Department Product Safety
- · 1.4 Emergency telephone number:

Emergency information in the event of poisoning: Giftinformationszentrum Mainz – Tel.: +49 (6131) 19240

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008



Flam. Liq. 3

H226 Flammable liquid and vapour.



health hazard

STOT RE 2 H373 Ma

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



STOT SE 3

H336 May cause drowsiness or dizziness.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

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

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· Hazard pictograms







GHS02

GHS07

· Signal word Warning

· Hazard-determining components of labelling:

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

Hydrocarbons, C9, aromatics

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

· Hazard statements

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

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

H412 Harmful 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.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260 Do not breathe vapours.

P280 Wear protective gloves / eye protection.

P284 *In case of inadequate ventilation wear respiratory protection.*

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P312 Call a POISON CENTER/doctor if you feel unwell.

P403 Store in a well-ventilated place.

P501 Dispose of contents / container in accordance with regional regulations.

· Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

- · 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: 919-857-5	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics	5-<10%
Reg.nr.: 01-2119463258-33	(<2%)	
	🚸 Flam. Liq. 3, H226	
	& Asp. Tox. 1, H304	
	♦ STOT SE 3, H336	
	E UH066	
		1 2)

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EC number: 919-446-0	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics	1td. of page 5-<10%
Index number: 649-330-00-2	(2-25%)	
Reg.nr.: 01-2119458049-33	 Flam. Liq. 3, H226 STOT RE 1, H372; Asp. Tox. 1, H304 Aquatic Chronic 2, H411 	
	** STOT SE 3, H336 EUH066	
EC number: 918-668-5	Hydrocarbons, C9, aromatics	5-<10
Reg.nr.: 01-2119455851-35	 Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H335-H336 EUH066 	-
CAS: 67-56-1	methanol	<1%
EINECS: 200-659-6	Flam. Liq. 2, H225	
Index number: 603-001-00-X	Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331	
Reg.nr.: 01-2119433307-44	& STOT SE 1, H370	
	Specific concentration limits: STOT SE 1; H370: C ≥ 10 %	
	STOT SE 2; H371: $3 \% \le C < 10 \%$	

· Additional information:

The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex 1A 1272/2008 EU), so the classification as carcinogen need not to apply.

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:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.
- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

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.

- 5.2 Special hazards arising from the substance or mixture

 During heating or in case of fire poisonous gases are produced.
- · 5.3 Advice for firefighters -
- · Protective equipment: Mouth respiratory protective device.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources.

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· 6.2 Environmental precautions:

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

Dilute with plenty of water.

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).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

· 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

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.
- · Storage class: 3
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

· Ingredient	s with li	imit values that require monitoring at the workplace:	
67-56-1 m	ethanol		
WEL Shor	t-term v	value: 333 mg/m³, 250 ppm	
	g-term v	value: 266 mg/m³, 200 ppm	
Sk			
· DNELs			
Hydrocarb	ons, C9	9-C11, n-alkanes, isoalkanes,cyclics, aromatics (<2%)	
Oral	DNEL	125 mg/kg /per day (Consumer, longterm systemic)	
Dermal	DNEL	208 mg/kg /per day (Worker, longterm systemic)	
	DNEL	125 mg/kg /per day (Consumer, longterm systemic)	
Inhalative	DNEL	871 mg/m3 (Worker, longterm systemic)	
	DNEL	185 mg/m3 (Consumer, longterm systemic)	
Hydrocarb	ons, C9	9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	
Oral	DNEL	26 mg/kg /per day (Consumer, longterm systemic)	
Dermal	DNEL	44 mg/kg /per day (Worker, longterm systemic)	
	DNEL	26 mg/kg (Consumer, longterm systemic)	
Inhalative	DNEL	330 mg/m3 (Worker, longterm systemic)	
	DNEL	71 mg/m3 (Consumer, longterm systemic)	
		(Con	td. on page

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Hydrocarbons, C9, aromatics

11 yan o can o	Tryanocanoonis, co, anomalics		
Oral	DNEL	1 mg/kg /per day (Consumer, longterm systemic)	
Dermal	DNEL	25 mg/kg /per day (Worker, longterm systemic)	
	DNEL	11 mg/kg /per day (Consumer, longterm systemic)	
Inhalative	DNEL	150 mg/m3 (Worker, longterm systemic)	
	DNEL	32 mg/m3 (Consumer, longterm systemic)	

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Do not inhale gases / fumes / aerosols.

· 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.

Filter A2/P3

· Hand protection



Protective gloves

· Material of gloves

Butyl rubber, BR

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

Butyl rubber gloves with a thickness of 0.4 mm are resistant to:

Acetone: 480 min Butyl acetate: 60 min Ethyl acetate: 170 min Xylene: 42 min

Butyl rubber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective measure, we recommend that users and responsible persons for work safety assume solvent resistance length of 42 minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in particular cases.

· Eye/face protection



Tightly sealed goggles

SECTION 9: Physical and chemical properties

- · 9.1 Information on basic physical and chemical properties
- · General Information
- · Physical state Fluid

· Colour: According to product specification

· Odour: Characteristic

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(Contd. of page 5) · Odour threshold: Not determined. · Melting point/freezing point: Undetermined. · Boiling point or initial boiling point and boiling 142 °C (287.6 °F) (Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)) · Flammability Flammable. · Lower and upper explosion limit · Lower: 0.7 Vol % · Upper: 7.5 Vol % · Flash point: 36 °C (96.8 °F) (Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)) 210 °C (410 °F) (Hydrocarbons, C9-C12, n-alkanes, · Auto-ignition temperature: isoalkanes, cyclics, aromatics (2-25%)) Not determined. · Decomposition temperature: Mixture is non-soluble (in water). $\cdot pH$ · Viscosity: · Kinematic viscosity at 20 °C (68 °F) 17 s (ISO 6 mm) · Kinematic viscosity at 40 °C (104 °F) $>20.5 \text{ mm}^2/\text{s}$ · Dynamic: Not determined. · Solubility Fully miscible. · water: · Partition coefficient n-octanol/water (log value) Not determined. · Density and/or relative density • Density at 20 °C (68 °F): $1.3 \text{ g/cm}^3 (10.8 \text{ lbs/gal})$ · Relative density Not determined. Not determined. · Vapour density · 9.2 Other information · Appearance: · Form: Fluid · Important information on protection of health and environment, and on safety. · Explosive properties: Product is not explosive. However, formation of explosive air/vapour mixtures are possible. · Solvent content: 24.7 % · Organic solvents: · **VOC** (**EC**) $321.1 \, g/l$ · VOC-EU% 24.70 % · Solids content: 75.3 % · Change in condition · Evaporation rate Not determined. · Information with regard to physical hazard classes · Explosives Void · Flammable gases Void · Aerosols Void · Oxidising gases Void · Gases under pressure Void · Flammable liquids 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

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· 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.
- · 10.3 Possibility of hazardous reactions No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

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 1	values releva	nt for classification:		
Hydrocarb	ons, C9-C11	, n-alkanes, isoalkanes,cyclics, aromatics (<2%)		
Oral	LD50	>5000 mg/kg /per day (rat) (OECD 401)		
Dermal	LD50	>2000 mg/kg (rat) (OECD 402)		
Inhalative	LC50/4 h	>5000 mg/m3 (rat) (OECD 403)		
Hydrocarb	ons, C9-C12	, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		
Oral	LD50	>5000 mg/kg (rat) (OECD 401)		
Dermal	LD50	>2000 mg/kg (rab) (OECD 402)		
Inhalative	LC50/4 h	>8200 mg/m3 (rat)		
	LC50 / 48 h	16 mg/l (daphnia magna)		
Hydrocarb	ons, C9, aro	matics		
Oral	LD50	>5000 mg/kg (rat) (OECD 401)		
Dermal	LD50	>2000 mg/kg (rab) (OECD 402)		
ai.	• /• •, ,•	No invitant offeet		

- · Skin corrosion/irritation No irritant effect.
- · Serious eye damage/irritation No irritating effect.
- · Respiratory or skin sensitisation No sensitising effects known.
- · STOT-single exposure May cause drowsiness or dizziness.
- · STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.
- · 11.2 Information on other hazards
- · Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

$\cdot Aa$	nuatic	toxicity:

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

LC50 / 72 h | 7 mg/l (Pseudokirchneriella subcapitata)

LC50/96 h 20 mg/l (Regenbogenforelle)

Hydrocarbons, C9, aromatics

EC50 / 48 h 302 mg/l (daphnia magna)

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EC50 / 72 h 2.75 mg/l (Pseudokirchneriella subcapitata)

EC50 / 96 h | 9.2 mg/l (Regenbogenforelle)

- · 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: Harmful to fish
- · Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

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

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

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.

- · Uncleaned packaging:
- Recommendation: Dispose of packaging according to regulations on the disposal of packagings.
- · Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- · 14.1 UN number or ID number
- · ADR, IMDG, IATA

UN1139

· 14.2 UN proper shipping name

· 14.2 UN proper snipping i · ADR

1139 COATING SOLUTION

· IMDG COATING SOLUTION, MARINE POLLUTANT

· IATA COATING SOLUTION

- · 14.3 Transport hazard class(es)
- $\cdot ADR$



· Class

3 (F1) Flammable liquids.

· Label

3

· IMDG



· Class

3 Flammable liquids.

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Trade name: Cartechnic Unterboden-Schutz 1,3kg, 2,5kg

	(Contd. of pa
Label	3
IATA	
3	
Class	3 Flammable liquids.
Label	3
14.4 Packing group	
ADR, IMDG, IATA	III
14.5 Environmental hazards:	
Marine pollutant:	Symbol (fish and tree)
14.6 Special precautions for user	Warning: Flammable liquids.
Hazard identification number (Kemler code):	30
EMS Number:	F-E, <u>S-E</u>
14.7 Maritime transport in bulk according to IM	10
instruments	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
Transport category	3
Tunnel restriction code	D/E
IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1
- -	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN 1139 COATING SOLUTION, 3, III

SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Poisons Act
- · Regulated explosives precursors

None of the ingredients is listed.

· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

None of the ingredients is listed.

· Reportable poisons

None of the ingredients is listed.

- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P5c FLAMMABLE LIQUIDS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 5000 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 50000 t

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· 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.

· Relevant phrases

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H301 Toxic if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H311 Toxic in contact with skin.
- H331 Toxic if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H370 Causes damage to organs.
- H371 May cause damage to organs.
- 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.

· Classification according to Regulation (EC) No 1272/2008

Data is based on internal technical data and technical data from suppliers.

· 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)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

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)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 3: Acute toxicity - Category 3

STOT SE 1: Specific target organ toxicity (single exposure) – Category 1

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

· * Data compared to the previous version altered.