

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## 50 019 - Turpentine substitute

Article No.	50019	Issue date:	23.08.23
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name 50 019 - Turpentine substitute  
REACH registration No. ---  
UFI UFI: NCHF-M44E-N007-T8SX

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

General use Products for creation of art.

Uses advised against ---

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

H. Schmincke & Co. GmbH & Co. KG  
Otto-Hahn-Strasse 2  
D-40699 Erkrath  
Tel +49 (0) 211 - 2509 - 0  
Fax +49 (0) 211 - 2509 - 479  
info@schmincke.de  
www.schmincke.de  
Schmincke-lab:  
mo-th 8.00-16.30, fr 8.00-13.30  
tel. +49 (0) 211-2509-474  
sdb@schmincke.de

#### 1.4 Emergency telephone number

Emergencycall Berlin  
+49 30-30686700  
(24/7 counseling in german and english)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to EC regulation 1272/2008 (CLP)

Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.  
Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.  
Flam. Liq. 3; H226 Flammable liquid and vapour.  
STOT SE 3; H335 May cause respiratory irritation.  
STOT SE 3; H336 May cause drowsiness or dizziness.

#### 2.2 Label elements

##### Labelling



Signal word Danger

##### Hazard statements

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.

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H411 Toxic to aquatic life with long lasting effects.

### Safety precautions

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.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/..

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/or shower.

P273 Avoid release to the environment.

### Text for labelling (CLP)

Repeated exposure may cause skin dryness or cracking. (EUH066)

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

#### Chemical characterisation

White spirit

CAS-Number ---

EINECS / ELINCS / NLP ---

EU index number ---

REACH registration No. ---

Hazchem-Code ---

CI-Number ---

### 3.2 Mixtures

#### Substance 1

solvent naphtha (petroleum), light, aromatic: 70 - 90 %  
CAS: 64742-95-6  
REACH: 01-2119455851-35  
Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / STOT SE 3; H335 / STOT SE 3; H336 / EUH066

#### Substance 2

naphta (petroleum), hydrotreated heavy: 10 - 30 %  
CAS: 64742-48-9  
REACH: 01-2119457273-39-xxxx  
Asp. Tox. 1; H304 / EUH066

#### Additional information

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

If you feel unwell, seek medical advice (show the label where possible).

#### In case of inhalation

Move victim to fresh air. Seek medical attention if problems persist.

#### In case of skin contact

Remove residues with soap and water. Immediately remove all contaminated clothing.

#### After eye contact

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek medical attention if irritation persists.

#### After swallowing

Do NOT induce vomiting.

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

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

Caution if victim vomits: Risk of aspiration! Subsequent observance for pneumonia and lung oedema.

## SECTION 5: Firefighting measures

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

carbon dioxide foam water mist powder

#### **Extinguishing media which must not be used for safety reasons**

strong water jet

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

May form dangerous gases and vapours in case of fire.: carbon monoxide and carbon dioxide

### **5.3 Advice for firefighters**

#### **Special protective equipment for firefighters**

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#### **Additional information**

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## SECTION 6: Accidental release measures

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

Avoid contact with skin, eyes, and clothing. Remove persons not involved upwind.

### **6.2 environmental precautions**

Do not allow to penetrate into soil, waterbodies or drains.

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

#### **Methods for cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.

#### **Additional information**

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

Dispose of waste according to applicable legislation. refer to section 13

## SECTION 7: Handling and storage

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

#### **Advices on safe handling**

Handle in accordance with good industrial hygiene and safety practice.

#### **Precautions against fire and explosion**

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

#### **Requirements for storerooms and containers**

Store in a well-ventilated place. Keep container tightly closed.

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

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#### **Storage class**

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#### **Further details**

storage temperature: from 10 °C to 35 °C

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### 7.3 Specific end use(s)

No special measures necessary if stored and handled as prescribed.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

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

DEU	WEL	50,000	mg/m <sup>3</sup>	2(II); AGS
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64742-48-9 naphta (petroleum), hydrotreated heavy

DEU	WEL	1.200,000	mg/m <sup>3</sup>	2 (II)
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### DNEL overview

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

DNEL worker	Long-term - inhalation, systemic effects	150,00000	mg/m <sup>3</sup>
DNEL worker	Long-term - dermal, local effects	12,50000	mg/kg bw/day
DNEL Consumer	Long-term - oral, systemic effects	7,50000	mg/kg bw/day
DNEL Consumer	Long-term - inhalation, systemic effects	32,00000	mg/m <sup>3</sup>
DNEL Consumer	Long-term - dermal, systemic effects	7,50000	mg/kg bw/day

### DNEL overview

64742-48-9 naphta (petroleum), hydrotreated heavy

DNEL worker	Long-term - dermal, systemic effects	300,00000	mg/kg
DNEL Consumer	Long-term - oral, systemic effects	300,00000	mg/kg
DNEL Consumer	Long-term - inhalation, systemic effects	900,00000	mg/m <sup>3</sup>
DNEL Consumer	Long-term - dermal, systemic effects	300,00000	mg/kg

### 8.2 Exposure controls

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### Occupational exposure controls

#### Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection must be worn whenever the WEL levels have been exceeded.

Combination filtering device (EN 14387) Use filter type A (= against vapours of organic substances)

#### Hand protection

Qualified materials: Nitrile rubber

Layer thickness > 0,35 mm

Breakthrough time > 480 min

Ultranitril 492 - MAPA GmbH, Industriestraße 21- 25, D-27404 Zeven, Internet: [www.mapa-pro.de](http://www.mapa-pro.de)

All information was derived in accordance with EU directive 89/686/EEG and the resultant EN 374 in cooperation with MAPA GmbH. This recommendation applies exclusively to the product and use named in Section 1. In the event of commingling or deviating conditions, contact the suppliers of CE-approved gloves. This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided.

#### Eye protection

Goggles

#### Body protection

In case of handling larger quantities: Wear suitable protective clothing.

#### General protection and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

## SECTION 9: Physical and chemical properties

### 9.1 information on basic physical and chemical properties

Form	liquid
Colour	clear
Odour	weak like white spirit

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	min	max		
Melting point/freezing point	---	---		
Initial boiling point and boiling range	---	---		
Flammability		---		
Explosion limits	---	---		
Flash point/flash point range	~ 40 °C	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
Solubility		---	---	---
Partition coefficient: n-octanol/water		---		
Vapour pressure		---	---	---
Density and/or relative density		0,8 - 0,9 g/ml	20 °C	---
Relative vapour density	---	---	---	---
Auto-ignition temperature	---	---	---	
Refraction index	---	---	---	

Danger of explosion ---

### 9.2 Other information

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2 Chemical stability

Product is stable under normal storage conditions.

### 10.3 Possibility of hazardous reactions

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### 10.4 Conditions to avoid

Keep away from sources of ignition.

### 10.5 Incompatible materials

strong oxidizing agents

### 10.6 Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

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

#### Toxicological tests

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

oral	LD50	Rat	>	3500,00000	mg/kg	-
dermal	LD50	Rat	>	3000,00000	mg/kg	-

#### Toxicological tests

64742-48-9 naphtha (petroleum), hydrotreated heavy

oral	LD50	Rat	>	5000,00000	mg/kg	-
dermal	LD50	Rabbit	>	5000,00000	mg/kg	-

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### Toxicokinetics, metabolism and distribution

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### Acute toxicity

There are no data available on the preparation/mixture itself.

### In case of inhalation

There are no data available on the preparation/mixture itself.

### After swallowing

There are no data available on the preparation/mixture itself.

### In case of skin contact

There are no data available on the preparation/mixture itself.

### After eye contact

There are no data available on the preparation/mixture itself.

### Practical experience

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### General remarks

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### 11.2 Information on other hazards

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Ecotoxicological effects

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

LC50	fish		10,00000	mg/L	(96h)
EC50	Algae	>	10,00000	mg/L	(72h)
EC50	Daphnia magna (Big water		3,20000	mg/L	(48h)

#### Ecotoxicological effects

64742-48-9 naphta (petroleum), hydrotreated heavy

LC50	fish	>	1000,00000	mg/L	-
EC50	Algae	>	1000,00000	mg/L	-

#### Aquatic toxicity

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Water Hazard Class

2

WGK catalog number

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General information

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### 12.2 Persistence and degradability

#### Further details

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#### Oxygen demand

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### 12.3 Bioaccumulative potential

#### Bioconcentration factor (BCF)

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Partition coefficient: n-octanol/water

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### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Endocrine disrupting properties

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### 12.7 Other adverse effects

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

##### Waste key number

080112 waste paint and varnish other than those mentioned in 08 01 11

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##### Recommendation

080111\* waste paint and varnish containing organic solvents or other dangerous substances

#### Package

##### Waste key number

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##### Recommendation

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

#### Additional information

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## SECTION 14: Transport information

### 14.1 UN number or ID number

1263

### 14.2 UN proper shipping name

ADR, ADN	Paint related material
IMDG, IATA	PAINT RELATED MATERIAL

### 14.3 Transport hazard class(es)

ADR, ADN	3
IMDG	3
IATA	3

### 14.4 Packing group

III

### 14.5 Environmental hazards

Marine Pollutant - IMDG	Yes
Marine Pollutant - ADN	---

### 14.6 Special precautions for user

#### Land transport (ADR/RID)

Code: ADR/RID	F1
Kemmler-number	30

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Hazard label ADR	3
Limited quantities	5L
Package: Instructions	P001 - IBC03 - LP01 - R001
Package: Special Provisions	PP1
Special provisions for packing together	MP19
Portable tanks: Instructions	T2
Portable tanks: Special Provisions	TP1 - TP29
Tank coding	LGBF
Tunnel restriction	D/E
Remarks	---
EQ	E1
Special Provisions	163 - 367 - 650

### Sea transport (IMDG)

EmS	F-E, S-E
Special Provisions	163 - 223 - 367 - 955
Limited quantities	5L
Package: Instructions	P001 - LP01
Package: Special Provisions	PP1
IBC: Instructions	IBC03
IBC: Provisions	-
Tank instructions IMO	-
Tank instructions UN	T2
Tank instructions Special Provisions	TP1 - TP29
Stowage and segregation	category A
Properties and observations	---
Remarks	---
EQ	E1

### Air transport (IATA-DGR)

Hazard	Flammable Liquid
Passenger	355 (60L)
Passenger LQ	Y344 (10L)
Cargo	366 (220L)
ERG	3L
Remarks	---
EQ	E1
Special Provisioning	A192

### 14.7 Maritime transport in bulk according to IMO instruments

No data available

## SECTION 15: Regulatory information

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

#### National regulations

##### Europe

Contents of VOC [%]	---
Contents of VOC [g/L]	---
Further regulations, limitations and legal requirements	---

##### Germany

Storage class	---
Water Hazard Class	2
WGK catalog number	---



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Incident regulation ---

Information on working limitations  
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Further regulations, limitations and legal requirements  
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### Switzerland

Contents of VOC [%]

100 %

Further regulations, limitations and legal requirements  
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### USA

Further regulations, limitations and legal requirements  
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Federal Regulations  
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State Regulations  
---

### Canada

Further regulations, limitations and legal requirements  
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## 15.2 Chemical Safety Assessment

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## SECTION 16: Other information

### Further information

**Hazard statements (CLP)**

- 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.

### **Further information**

This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or accept an liability for damage arising in connection with the use of our products.

### **Literature**

REGULATION (EU) 2021/849 - ATP 17

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

### **Reason of change**

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### **Additional information**

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Die Angaben in diesem Datenblatt sind nach bestem Wissen zusammengestellt und entsprechen dem Stand der Kenntnis zum Überarbeitungsdatum.  
Sie sichern jedoch nicht die Einhaltung bestimmter Eigenschaften im Sinne der Rechtsverbindlichkeit zu.