

SAFETY DATA SHEET

03570-0102

Page 1 of 9

MSDS for #03570 - SCHMINCKE Old Subst. Regulation (EC) No. 1907/2006 (REACH)

50 019 - Turpentine substitute

Article No.	50019	Issue date:	23.08.23
Version	6.2 (25.05.23)	Page	1 / 9

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

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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.

SAFETY DATA SHEET

MSDS for #03570 - SCHMINCKE Oil 6 VNF Regulation (EC) No. 1907/2006 (REACH)

Page 2 of 9

50 019 - Turpentine substitute

Article No.	50019	Issue date:	23.08.23
Version	6.2	Page	2 / 9
	(25.05.23)		

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

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.

Version: 03570-0102, 03570-0106

Page 2 of 9

SAFETY DATA SHEET

MSDS for #03570 - SCHMINCKE Öl 62 WNF
Ecolabel Regulation (EC) No. 1907/2006 (REACH)

Page 3 of 9

50 019 - Turpentine substitute

Article No.	50019	Issue date:	23.08.23
Version	6.2 (25.05.23)	Page	3 / 9

4.2 Most important symptoms and effects, both acute and delayed

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

Additional information

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

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

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

Storage class

Further details

storage temperature: from 10 °C to 35 °C

Page 3 of 9

SAFETY DATA SHEET

MSDS for #03570 - SCHMINCKE Oil 64 WNF Regulation (EC) No. 1907/2006 (REACH)

Page 4 of 9

50 019 - Turpentine substitute

Article No.	50019	Issue date:	23.08.23
Version	6.2 (25.05.23)	Page	4 / 9

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 ³	2 (II); AGS
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64742-48-9 naphta (petroleum), hydrotreated heavy

DEU	WEL	1.200,000	mg/m ³	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 ³
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 ³
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 ³
DNEL Consumer	Long-term - dermal, systemic effects	300,00000	mg/kg

8.2 Exposure controls

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
All information was derived in accordance with EU directive 89/686/EWG 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 abased 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

Form Numbers: 03570-0102, 03570-0103

Page 4 of 9

SAFETY DATA SHEET

MSDS for #03570 - SCHMINCKE Old Solvent Regulation (EC) No. 1907/2006 (REACH)

Page 5 of 9

50 019 - Turpentine substitute

Article No.	50019	Issue date:	23.08.23
Version	6.2 (25.05.23)	Page	5 / 9

	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

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

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 naphta (petroleum), hydrotreated heavy

oral	LD50	Rat	>	5000,00000	mg/kg	-
Item Numbers: 03470-0102, 03470-0106	LD50	Rabbit	>	5000,00000	mg/kg	-

Page 5 of 9

SAFETY DATA SHEET

MSDS for #03570 - SCHMINCKE Oil 64 WNF Regulation (EC) No. 1907/2006 (REACH)

Page 6 of 9

50 019 - Turpentine substitute

Article No. 50019 Issue date: 23.08.23
Version 6.2 (25.05.23) Page 6 / 9

Toxicokinetics, metabolism and distribution

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

General remarks

11.2 Information on other hazards

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

Water Hazard Class 2

WGK catalog number ---

General information

12.2 Persistence and degradability

Further details

Oxygen demand

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)

Partition coefficient: n-octanol/water

Item Numbers: 03570-0102, 03570-0106

Page 6 of 9

SAFETY DATA SHEET

MSDS for #03570 - SCHMINCKE Oil Solvent Regulation (EC) No. 1907/2006 (REACH)

Page 7 of 9

50 019 - Turpentine substitute

Article No.	50019	Issue date:	23.08.23
Version	6.2 (25.05.23)	Page	7 / 9

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

12.7 Other adverse effects

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

Recommendation

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

Package

Waste key number

Recommendation

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

Additional information

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

Item Numbers: 03570-0102, 03570-0106

Page 7 of 9

SAFETY DATA SHEET

MSDS for #03570 - SCHMINCKE Oil & Gas - Regulation (EC) No. 1907/2006 (REACH)

Page 8 of 9

50 019 - Turpentine substitute

Article No.	50019	Issue date:	23.08.23
Version	6.2	Page	8 / 9

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, 03570-0106	2
WGK catalog number	---

Page 8 of 9

SAFETY DATA SHEET

MSDS for #03570 - SCHMINCKE Öl-GW-F Reg. (EC) No. 1907/2006 (REACH)

Page 9 of 9

50 019 - Turpentine substitute

Article No.	50019	Issue date:	23.08.23
Version	6.2	Page	9 / 9
	(25.05.23)		

Incident regulation ---
Information on working limitations ---

Further regulations, limitations and legal requirements ---

Switzerland

Contents of VOC [%]
100 %

Further regulations, limitations and legal requirements ---

USA

Further regulations, limitations and legal requirements ---

Federal Regulations ---

State Regulations ---

Canada

Further regulations, limitations and legal requirements ---

15.2 Chemical Safety Assessment

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

Additional information

Die Angaben in diesem Datenblatt sind nach bestem Wissen zusammengestellt und entsprechen dem Stand der Kenntnis zum Überarbeitungsdatum 03.08.2023.
Sie sichern jedoch nicht die Einhaltung bestimmter Eigenschaften im Sinne der Rechtsverbindlichkeit zu.

Page 9 of 9