

# SAFETY DATA SHEET

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

## 50 045 - Medium N

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

#### 1.1 Product identifier

Trade name 50 045 - Medium N  
REACH registration No. ---  
UFI ---

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

General use  
Products for creation of art.

Uses advised against  
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#### 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)

Flam. Liq. 3; H226 Flammable liquid and vapour.  
STOT SE 3; H336 May cause drowsiness or dizziness.

#### 2.2 Label elements

##### Labelling



**Signal word** Warning

##### Hazard statements

H226 Flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.

##### 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.

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P243 Take action to prevent static discharges.  
P260 Do not breathe vapours.  
P280 Wear protective gloves/protective clothing.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/or shower.

### Text for labelling (CLP)

Repeated exposure may cause skin dryness or cracking. AGW  
Contains phthalic anhydride. May produce an allergic reaction. (EUH208)

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

#### Chemical characterisation

White spirit  
Alkyd resin  
acrylic resin

CAS-Number ---  
EINECS / ELINCS / NLP ---  
EU index number ---  
REACH registration No. ---  
Hazchem-Code ---  
CI-Number ---

### 3.2 Mixtures

#### Substance 1

naphta (petroleum), hydrotreated heavy: 25 < 50 %  
CAS: 64742-48-9  
REACH: 01-2119457273-39  
EUH066 / Asp. Tox. 1; H304

#### Substance 2

naphta (petroleum), hydrotreated light: 25 < 50 %  
CAS: 64742-49-0  
REACH: 01-2119471843-32  
Aquatic Chronic 3; H412 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / STOT SE 3; H336

#### Substance 3

naphta (petroleum), hydrotreated heavy: 2,5 < 5,0 %  
CAS: 64742-48-9  
REACH: 01-2119463258-33  
Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / STOT SE 3; H336

### 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, put at rest and loosen restrictive clothing. Seek medical attention if problems persist.

#### In case of skin contact

Thoroughly wash skin with soap and water. Seek medical attention if irritation persists.

#### 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

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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

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

This material is combustible, but will not ignite readily. Co-ordinate fire-fighting measures to the fire surroundings.

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

none

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

May form dangerous gases and vapours in case of fire.

### 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. Wear personal protection equipment.

### 6.2 environmental precautions

Discharge into the environment must be avoided.

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

#### Methods for cleaning up

Collect mechanically using liquid-binding material (sand, diatomaceous earth, universal binding agents). Dispose of waste in accordance with local, state, and federal regulations.

#### 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

No special measures are required.

#### Precautions against fire and explosion

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

#### Requirements for storerooms and containers

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

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

DEU	WEL	1.200,000	mg/m <sup>3</sup>	2 (II)
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64742-48-9 naphta (petroleum), hydrotreated heavy

DEU	WEL	600,000	mg/m <sup>3</sup>	DFG
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### 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

### DNEL overview

64742-49-0 naphta (petroleum), hydrotreated light

DNEL worker	Long-term - dermal, systemic effects	77,00000	mg/kg bw/day
DNEL Consumer	Abrasive cleaning products	185,00000	mg/m <sup>3</sup>
DNEL Consumer	Long-term - oral, systemic effects	46,00000	mg/kg bw/day
DNEL Consumer	Long-term - inhalation, systemic effects	871,00000	mg/m <sup>3</sup>
DNEL Consumer	Long-term - dermal, systemic effects	46,00000	mg/kg bw/day

### DNEL overview

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

DNEL worker	Long-term - inhalation, systemic effects	1500,00000	mg/m <sup>3</sup>
DNEL worker	Long-term - dermal, systemic effects	300,00000	mg/kg bw/day
DNEL Consumer	Long-term - oral, systemic effects	300,00000	mg/kg bw/day

### 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 Ultranitrl 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

Wear suitable protective clothing. Wash contaminated clothing prior to re-use.

#### General protection and hygiene measures

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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	weak yellowish, clear
Odour	aromatic

	min	max		
Melting point/freezing point	---	---		
Initial boiling point and boiling range	---	---		
Flammability	---	---		
Explosion limits	---	---		
Flash point/flash point range	35 °C	45 °C		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	58 mm <sup>2</sup> /s	63 mm <sup>2</sup> /s	40 °C	---
Solubility	---	---	---	---
Partition coefficient: n-octanol/water	---	---		
Vapour pressure	---	---	---	---
Density and/or relative density		0,87 g/ml	---	---
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

frost and heat

#### 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

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

oral	LD50	Rat	>	5000,0000	mg/kg	-
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dermal	LD50	Rabbit	>	5000,00000	mg/kg	-
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### Toxicological tests

64742-49-0 naphta (petroleum), hydrotreated light

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

### Toxicological tests

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

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

### Toxicokinetics, metabolism and distribution

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### Acute toxicity

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### In case of inhalation

No data available

### After swallowing

No data available

### In case of skin contact

No data available

### After eye contact

No data available

### 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

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

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

#### Ecotoxicological effects

64742-49-0 naphta (petroleum), hydrotreated light

LC50	fish	>	100,00000	mg/L	(48h)
LC50	Daphnia magna (Big water)	>	100,00000	mg/L	(96h)

#### Ecotoxicological effects

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

LC50	fish	>	1000,00000	mg/L	(96h)
EC50	Daphnia magna (Big water)	>	1000,00000	mg/L	(48h)

### Aquatic toxicity

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### Water Hazard Class

1

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WGK catalog number ---  
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  
080111 080111\* waste paint and varnish containing organic solvents or other dangerous substances  
---  
---

Recommendation  
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#### Package

Waste key number  
--- ---  
---  
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)

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ADR, ADN	3
IMDG	3
IATA	3

### 14.4 Packing group

III

### 14.5 Environmental hazards

Marine Pollutant - IMDG	No
Marine Pollutant - ADN	---

### 14.6 Special precautions for user

#### Land transport (ADR/RID)

Code: ADR/RID	F1
Kemmler-number	30
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



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### 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 1  
WGK catalog number ---  
Incident regulation ---  
Information on working limitations ---  
Further regulations, limitations and legal requirements ---

##### Switzerland

Contents of VOC [%] 66,9 %  
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

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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.  
H336 May cause drowsiness or dizziness.  
H412 Harmful 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 a liability for damage arising in connection with the use of our products.

#### **Literature**

REGULATION (EU) 2021/849 - ATP 17

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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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