

SAFETY DATA SHEET

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

50 045 - Medium N

Article No.
Version 4.1 (09.12.20)

Issue date: 09.12.20
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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
Name INCI
Name Ph. Eur.
REACH registration No.
UFI UFI: VMKF-S42R-M003-04XM

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
labor@schmincke.de

1.4 Emergency telephone number

**Emergency
Information**

**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.

Hazard components for labelling

Text for labelling (CLP)

Repeated exposure may cause skin dryness or cracking. (EUH066)
Contains phthalic anhydride. May produce an allergic reaction. (EUH208)

2.3 Other hazards

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
Customs tariff number
REACH registration No.
RTECS-no.
Hazchem-Code
CI-Number

3.2 Mixtures

Substance 1

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

Substance 2

naphta (petroleum), hydrotreated light: 10 - < 25 %
CAS: 64742-49-0
REACH: 01-2119471843-32-xxx
Aquatic Chronic 3; H412 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / STOT SE 3; H336 / EUH066

Substance 3

naphta (petroleum), hydrotreated heavy: 2,5 - < 5,0 %
CAS: 64742-48-9
REACH: 01-2119463258-33-xxx
Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / STOT SE 3; H336 / EUH066

Additional information

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

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

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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

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

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

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

Additional information

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

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

6.4 Reference to other sections

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

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Hints on joint storage

Storage class

Further details

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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

DEU	WEL	300,000	mg/m ³	-
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64742-48-9 naphta (petroleum), hydrotreated heavy

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DEU	WEL	300,000	mg/m ³	DFG
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DNEL overview

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

DNEL worker	Long-term - inhalation, system	1500,00000	mg/m ³
DNEL worker	Long-term - dermal, systemic e	300,00000	mg/kg bw/day
DNEL Consumer	Long-term - oral, systemic eff	300,00000	mg/kg bw/day

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

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

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 weak yellowish, clear
Odour aromatic

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

Danger of explosion

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9.2 Other information

SECTION 10: Stability and reactivity

- 10.1 Reactivity**
- 10.2 Chemical stability**
- 10.3 Possibility of hazardous reactions**
- 10.4 Conditions to avoid**
- 10.5 Incompatible materials**
strong oxidizing agents
- 10.6 Hazardous decomposition products**

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological tests

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

oral	LD50	Rat	>	2000,00000	mg/kg	-
dermal	LD50	Rabbit	>	2000,00000	mg/kg	-

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	-

Acute toxicity

In case of inhalation
After swallowing
In case of skin contact
After eye contact

Practical experience

General remarks

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 flea)	>	100,00000	mg/L	(96h)

Ecotoxicological effects

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

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

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

General information

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

Contaminated packaging

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

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 No
Marine Pollutant - ADN

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14.6 Special precautions for user

Land transport (ADR/RID)

Code: ADR/RID	F1
Kemmler-number	30
Hazard label ADR	3
Limited quantities	5L
Contaminated packaging: Instructions	P001 - IBC03 - LP01 - R001
Contaminated packaging: 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
Contaminated packaging: Instructions	P001 - LP01
Contaminated packaging: 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 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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

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Storage class
Water Hazard Class 2
WGK catalog number
Incident regulation
Information on working limitations
Further regulations, limitations and legal requirements

Denmark

Further regulations, limitations and legal requirements

Hungary

Further regulations, limitations and legal requirements

Great Britain

Further regulations, limitations and legal requirements

Switzerland

Contents of VOC [%]
~ 61 %
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.
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 an liability for damage arising in connection with the use of our products.

Literature

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

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