

EU SAFETY DATA SHEET

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

50 040 - MUSSIN Medium 3

Article No.
Version

3 (04.12.13)

Issue date: 04.12.13
Page 1 / 10

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

1.1 Product identifier

Trade name 50 040 - MUSSIN Medium 3

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-Str. 2
D - 40699 Erkrath
Tel. +49 (0) 211-2509-0
Fax. +49 (0) 211-2509-497
info@schmincke.de
www.schmincke.de

Dept. responsible for information

Schmincke-lab:
mo-th 8.00-16.30,fr 8.00-13.30
Tel. +49 (0) 211-2509-474
Fax. +49 (0) 211-2509-11453
labor@schmincke.de

1.4 Emergency telephone number

**Emergency
Information
Phone #**

**Emergencycall Berlin
(24h - counseling in german and english)
+49 (0) 30 / 30 68 67 90**

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Classification according to Directive 67/548/EEC or 1999/45/EC

N dangerous for the environment
Xn harmful
R10 Flammable.
R37 Irritating to respiratory system.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

2.2 Label elements

Labelling (CLP)

Signal word

EU SAFETY DATA SHEET

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

50 040 - MUSSIN Medium 3

Article No.
Version

3 (04.12.13)

Issue date:
Page

04.12.13
2 / 10

Hazard statements

Safety precautions

Labelling (67/548/EEC or 1999/45)

Nature of Hazard

N dangerous for the environment
Xn harmful



R phrase(s)

R10 Flammable.
R37 Irritating to respiratory system.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

S phrase(s)

S2 Keep out of the reach of children.
S23 Do not breathe vapours.
S24 Avoid contact with skin.
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

2.3 Other hazards

Contains 2-Butanone oxime: May produce an allergic reaction.

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterization

white spirit
aldehyde resin
driers, siccative
stand oil

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

Naphtha (petroleum), hydrodesulfurized heavy: < 20 - 30 %
CAS-Number: 64742-82-1

Substance 2

Light solvent naphtha: 10 -25 %
CAS-Number: 64742-95-6
REACH registration No.: 01-2119455851-35

EU SAFETY DATA SHEET

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

50 040 - MUSSIN Medium 3

Article No.
Version 3 (04.12.13)

Issue date: 04.12.13
Page 3 / 10

Classification according to Directive 67/548/EEC or 1999/45/EC:
Nature of Hazard: N - Xn / R phrase(s): 10 - 51/53 - 65 - 66 - 67

Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / EUH066 / Flam. Liq. 3; H226 / STOT SE 3; H336

Classification according to Directive 67/548/EEC or 1999/45/EC:
Nature of Hazard: N - Xn / R phrase(s): 10 - 37 - 51/53 - 65 - 66 - 67

Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / STOT SE 3; H335 / STOT SE 3; H336

Substance 3

2-butanonoxime: < 0,5 %
CAS-Number: 96-29-7
Classification according to Directive 67/548/EEC or 1999/45/EC:
Nature of Hazard: Xn / R phrase(s): 21 - 40 - 41 - 43
Classification according to EC regulation 1272/2008 (CLP):
Acute Tox. 4; H312 / Carc. 2; H351 / Flam. Liq. 3; H226 / Skin Sens. 1; H317

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

Provide fresh air. Seek medical attention if problems persist.

In case of skin contact

Remove residues with soap and water. In case of skin irritation, consult a physician.

After eye contact

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 10 - 15 minutes. Seek medical attention if irritation persists.

After swallowing

Rinse mouth with water. Do NOT induce vomiting. Immediately get medical attention.

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!

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Extinguishing media which must not be used for safety reasons

strong water jet

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Special protective equipment for firefighters

Use appropriate respiratory protection.

Additional information

EU SAFETY DATA SHEET

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

50 040 - MUSSIN Medium 3

Article No.
Version

3 (04.12.13)

Issue date:
Page

04.12.13
4 / 10

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes, and clothing.

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 spilled material using paper towels and dispose.

Additional information

6.4 Reference to other sections

Dispose of waste according to applicable legislation.

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

No special measures are required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Hints on joint storage

Storage class

Further details

Protect from frost and exposure to sun.

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Naphtha (petroleum), hydrodesulfurized heavy

DEU	WEL	300,000	mg/kg	-
-----	-----	---------	-------	---

Light solvent naphtha

DEU	WEL	100,000	mg/m ³	TRGS 900
-----	-----	---------	-------------------	----------

2-butanonoxime

DEU	WEL	0,300	mL/m ³	Y
-----	-----	-------	-------------------	---

8.2 Exposure controls

Occupational exposure controls

Respiratory protection

EU SAFETY DATA SHEET

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

50 040 - MUSSIN Medium 3

Article No.
Version 3 (04.12.13)

Issue date: 04.12.13
Page 5 / 10

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

Hand protection

Protective gloves
Qualified materials: Nitrile rubber
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection

Goggles

Body protection

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

Physical state	liquid		
Colour	yellowish, clear		
Odour	white spirit		
		min	max
Boiling temperature/boiling range		---	---
Melting point/melting range		---	---
Flash point/flash point range		41 °C	41 °C
Flammability		---	---
Ignition temperature		---	---
Autoflammability		---	---
Explosion limits		---	---
Refraction index		---	---
Partition coefficient n-octanol/water			---
Explosive properties		---	
Vapour pressure		---	---
Density	0,88 g/ml	20 °C	---
PH value		---	---
Viscosity dynamic of		---	---
Viscosity dynamic up to		---	---
Viscosity kinematic of	11 mm ² /s	40 °C	---
Viscosity kinematic up to	12 mm ² /s	40 °C	---

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

Product is stable under normal storage conditions.

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Protect from frost and exposure to sun.

10.5 Incompatible materials

EU SAFETY DATA SHEET

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

50 040 - MUSSIN Medium 3

Article No.
Version 3 (04.12.13)

Issue date: 04.12.13
Page 6 / 10

strong oxidizing agents

10.6 Hazardous decomposition products

Hazardous vapours may form during fires.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available

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

General remarks

Toxicological tests

Naphtha (petroleum), hydrodesulfurized heavy

oral	LD50	Rat		2000,000	mg/kg	-
dermal	LD50	Rat		2000,000	mg/kg	-

Light solvent naphtha

oral	LD50	Rat		2000,000	mg/kg	-
dermal	LD50	Rat		2000,000	mg/kg	-

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

No data available

Water Hazard Class 2

WGK catalog number ---

General information

12.2 Persistence and degradability

Further details

Product is partially biodegradable.

Oxygen demand

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)

Partition coefficient n-octanol/water

EU SAFETY DATA SHEET

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

50 040 - MUSSIN Medium 3

Article No.
Version 3 (04.12.13)

Issue date: 04.12.13
Page 7 / 10

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

Ecotoxicological effects

Naphtha (petroleum), hydrodesulfurized heavy

LC50	fish		10,000	mg/L	-
------	------	--	--------	------	---

EC50	Algae		10,000	mg/L	-
------	-------	--	--------	------	---

Light solvent naphtha

LC50	fish		10,000	mg/L	-
------	------	--	--------	------	---

LC50	Algae		10,000	mg/L	-
------	-------	--	--------	------	---

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

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

EU SAFETY DATA SHEET

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

50 040 - MUSSIN Medium 3

Article No.
Version

3 (04.12.13)

Issue date: 04.12.13
Page 8 / 10

14.4 Packing group

III

14.5 Environmental hazards

Marine Pollutant - IMDG Yes
Marine Pollutant - ADN Yes

14.6 Special precautions for user

Land transport

Code: ADR/RID F1
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 - 640E - 650

Inland waterway craft

Hazard label ---
Limited quantities ---
Transport permitted ---
Equipment necessary ---
Ventilation ---
Remarks ---
EQ ---
Special provisions ---

Sea transport

EmS F-E, S-E
Special provisions 163 - 223 - 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

Hazard Flammable Liquid
Passenger 309 (60L)
Passenger LQ Y309 (10L)
Cargo 310 (220L)
ERG 3L
Remarks ---
EQ ---

EU SAFETY DATA SHEET

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

50 040 - MUSSIN Medium 3

Article No.
Version

3 (04.12.13)

Issue date: 04.12.13
Page 9 / 10

Special Provisioning

-

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

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 [%]

50 - 55 %

Further regulations, limitations and legal requirements

USA

Further regulations, limitations and legal requirements

Federal Regulations

State Regulations

Japan

Further regulations, limitations and legal requirements

EU SAFETY DATA SHEET

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

50 040 - MUSSIN Medium 3

Article No.
Version 3 (04.12.13)

Issue date: 04.12.13
Page 10 / 10

Canada

Further regulations, limitations and legal requirements

15.2 Chemical Safety Assessment

SECTION 16: Other information

Further information

R phrase(s)

- R10 Flammable.
- R21 Harmful in contact with skin.
- R37 Irritating to respiratory system.
- R40 Limited evidence of a carcinogenic effect.
- R41 Risk of serious damage to eyes.
- R43 May cause sensitization by skin contact.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

Hazard statements (CLP)

- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H317 May cause an allergic skin reaction.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- H411 Toxic to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.

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

Reason of change

Additional information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.