

SAFETY DATA SHEET

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

50 069 - Phöbus A

Article No.	50069025	Phoebus A, restoring medium	Issue date:	29.01.20
Version	5	(29.01.20)	Page	1 / 9

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

1.1 Product identifier

Trade name 50 069 - Phöbus A
restoring medium

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

Department responsible for information

Schmincke-labor:
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
Phone #**

**Emergencycall Berlin
(24h - counseling in german and english)
+49 (0) 30-30686700**

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

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

50 069 - Phöbus A

Article No.	50069025	Phoebus A, restoring medium	Issue date:	29.01.20
Version	5	(29.01.20)	Page	2 / 9

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.
P243 Take action to prevent static discharges.
P260 Do not breathe vapours.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing and eye/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/..
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

Text for labelling (CLP)

Repeated exposure may cause skin dryness or cracking. (EUH066)
Contains [+] -Limonene: May produce an allergic reaction. (EUH208)

2.3 Other hazards

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterisation

White spirit
Alcohol
essential oils

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: 50 - 75 %
CAS: 64742-95-6
REACH: 01-2119455851-35

Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / -; EUH066
/ Flam. Liq. 3; H226 / STOT SE 3; H335 / STOT SE 3;
H336

Substance 2

propan-2-ol: 1 - <5 %
CAS: 67-63-0
REACH: 01-2119457558-25

Eye Irrit. 2; H319 / Flam. Liq. 2; H225 / STOT SE 3;
H336

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.

SAFETY DATA SHEET

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

50 069 - Phöbus A

Article No.	50069025	Phoebus A, restoring medium	Issue date:	29.01.20
Version	5	(29.01.20)	Page	3 / 9

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

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)

SAFETY DATA SHEET

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

50 069 - Phöbus A

Article No.	50069025	Phoebus A, restoring medium	Issue date:	29.01.20
Version	5	(29.01.20)	Page	4 / 9

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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67-63-0 propan-2-ol

DEU	WEL	200,000	mL/m ³	-
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DEU	WEL	500,000	mg/m ³	2(II); DFG; Y
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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/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

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 yellowish, clear
Odour white spirit

	min	max	
Initial boiling point and boiling range			
Melting point/freezing point			
Flash point/flash point range	35 °C	40 °C	
Flammability			
Ignition temperature			
Auto-ignition temperature			
Explosion limits			
Refraction index			
PH value			
Viscosity			
Viscosity			

Vapour pressure

Density

0,87 g/ml 20 °C

Partition coefficient: n-octanol/water

SAFETY DATA SHEET

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

50 069 - Phöbus A

Article No.	50069025	Phoebus A, restoring medium	Issue date:	29.01.20
Version	5	(29.01.20)	Page	5/ 9

Danger of explosion

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

strong oxidizing agents

10.6 Hazardous decomposition products

Hazardous vapours may form during fires.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological tests

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

oral	LD50	Rat	>	2000,00000	mg/kg	-
inhalative	LC50	Rat	>	10,20000	mg/L	(4h)
dermal	LD50	Rat	>	2000,00000	mg/kg	-

Toxicological tests

67-63-0 propan-2-ol

oral	LD50	Rat	>=	5050,00000	mg/kg	-
dermal	LD50	Rabbit		12800,00000	mg/kg	-

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

SECTION 12: Ecological information

12.1 Toxicity

Ecotoxicological effects

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

LC50	fish	>	10,00000	mg/L	-
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SAFETY DATA SHEET

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

50 069 - Phöbus A

Article No.	50069025	Phoebus A, restoring medium	Issue date:	29.01.20
Version	5	(29.01.20)	Page	6 / 9

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

Ecotoxicological effects

67-63-0 propan-2-ol

LC50	fish	>	1000,00000	mg/L	(96h)
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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

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

SAFETY DATA SHEET

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

50 069 - Phöbus A

Article No.	50069025	Phoebus A, restoring medium	Issue date:	29.01.20
Version	5	(29.01.20)	Page	7 / 9

14.4 Packing group

III

14.5 Environmental hazards

Marine Pollutant - IMDG Yes

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

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50 069 - Phöbus A

Article No.	50069025	Phoebus A, restoring medium	Issue date:	29.01.20
Version	5	(29.01.20)	Page	8 / 9

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 [%]

~ 78 %

Further regulations, limitations and legal requirements

USA

Further regulations, limitations and legal requirements

Federal Regulations

State Regulations

Japan

Further regulations, limitations and legal requirements

Canada

Further regulations, limitations and legal requirements

15.2 Chemical Safety Assessment

SECTION 16: Other information

Further information

Hazard statements (CLP)

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H319 Causes serious eye irritation.
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

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

50 069 - Phöbus A

Article No.	50069025	Phoebus A, restoring medium	Issue date:	29.01.20
Version	5	(29.01.20)	Page	9/ 9

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