

SAFETY DATA SHEET

03568-0202

MSDS for #03568 - SCHMINCKE BRUSH CLEANER Regulation (EC) No. 1907/2006 (REACH)

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50 052 - Eco-brush cleaner

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

1.1 Product identifier

Trade name 50 052 - Eco-brush cleaner
REACH registration No. ---
UFI UFI: F6MF-94WH-R00J-NJ12

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
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)

Eye Irrit. 2; H319 Causes serious eye irritation.
Flam. Liq. 3; H226 Flammable liquid and vapour.

2.2 Label elements

Labelling



Signal word Warning

Hazard statements

H226 Flammable liquid and vapour.
H319 Causes serious eye irritation.

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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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Text for labelling (CLP)

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical characterisation

Water	
Alcohol	
non-ionic surfactants	
CAS-Number	---
EINECS / ELINCS / NLP	---
EU index number	---
REACH registration No.	---
Hazchem-Code	---
CI-Number	---

3.2 Mixtures

Substance 1

ethanol: 30,0 - 49,9 %
CAS: 64-17-5
REACH: 01-2119457610-43-XXXX
Eye Irrit. 2; H319 / Flam. Liq. 2; H225

Additional information

Regulation (EC) No. 648/2004 [Detergents regulation]: AGW non-ionic surfactants

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

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

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. Let 1 glass of water be drunken in little sips (dilution effect).
Seek medical treatment in case of troubles.

4.2 Most important symptoms and effects, both acute and delayed

No data available

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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

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

Keep away from sources of ignition and heat. Take precautionary measures against static discharge.

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

Protect from frost and exposure to sun.

7.3 Specific end use(s)

No special measures necessary if stored and handled as prescribed.

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SECTION 8: Exposure controls/personal protection

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8.1 Control parameters

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64-17-5 ethanol

DEU	WEL	200,000	mL/m ³	-
DEU	WEL	380,000	mg/m ³	2(II); DGF; Y
USA	PEL (US)	1.000,000	ppm	8h (long term)
USA	PEL (US)	1.900,000	mg/m ³	8h (long term)

DNEL overview

64-17-5 ethanol

DNEL worker	Long-term - inhalation, systemic effects	950,00000	mg/m ³
DNEL worker	Long-term - dermal, systemic effects	343,00000	mg/kg
DNEL Consumer	Long-term - oral, systemic effects	87,00000	mg/kg
DNEL Consumer	Long-term - inhalation, systemic effects	114,00000	mg/m ³
DNEL Consumer	Long-term - dermal, systemic effects	206,00000	mg/kg

PNEC overview

64-17-5 ethanol

PNEC soil	0,63000	mg/kg
PNEC aquatic, freshwater	0,96000	mg/L
PNEC aquatic, marine water	0,79000	mg/L
PNEC soil, freshwater	3,60000	mg/kg
PNEC soil, marine water	2,90000	mg/kg
PNEC sewage treatment plant (STP)	580,00000	mg/L

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: Butyl caoutchouc (butyl rubber)
Layer thickness > 0,5 mm
Breakthrough time > 480 min
Butoflex 650 - 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.

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

Form	liquid
Colour	colourless, clear
Odour	alcoholic

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Melting point/freezing point

min

max

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Initial boiling point and boiling range	100 °C	---	---	---
Flammability	---	---	---	---
Explosion limits	3,5	15 Vol%	---	---
Flash point/flash point range	24 °C	26 °C	---	---
Ignition temperature	---	---	---	---
PH	---	---	---	---
Viscosity	---	---	---	---
Solubility	---	---	---	---
Partition coefficient: n-octanol/water	---	---	---	---
Vapour pressure	---	---	---	---
Density and/or relative density	---	0,93 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

Product is stable under normal storage conditions.

10.2 Chemical stability

Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Protect from frost and exposure to sun.

10.5 Incompatible materials

10.6 Hazardous decomposition products

Hazardous vapours may form during fires.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological tests

64-17-5 ethanol

oral	LD50	Rat		10470,00000	mg/kg	-
inhalative	LC50	Rat		38,00000	mg/L	(4h)
inhalative	LC50	Mouse	>	20,00000	mg/L	(4h)
dermal	LD50	Rabbit	>	2000,00000	mg/kg	-

Toxicokinetics, metabolism and distribution

Acute toxicity

No data available 03568-0206

In case of inhalation

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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

11.2 Information on other hazards

SECTION 12: Ecological information

12.1 Toxicity

Ecotoxicological effects

64-17-5 ethanol

LC50	Leuciscus idus		8140,00000	mg/L	48h
EC50	Chlorella vulgaris		275,00000	mg/L	(72h)
EC50	Daphnia magna	>	10000,00000	mg/L	48h

Aquatic toxicity

No data available

Water Hazard Class

2

WGK catalog number

General information

12.2 Persistence and degradability

Further details

Product is 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 Endocrine disrupting properties

12.7 Other adverse effects

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number 080112 Waste paint and varnish containing organic solvents or other dangerous substances

Recommendation

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

1170

14.2 UN proper shipping name

ADR, ADN ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
IMDG, IATA ETHANOL SOLUTION

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 No

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 -
Special provisions for packing together MP19
Portable tanks: Instructions T2
Portable tanks: Special Provisions TP1
Tank coding LGBF
Tunnel restriction D/E

Remarks

EQ Item Numbers: 03568-0202, 03568-0206 E1

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Special Provisions 144 - 601

Sea transport (IMDG)

EmS	F-E, S-D
Special Provisions	144 - 223
Limited quantities	5L
Package: Instructions	P001 - LP01
Package: Special Provisions	-
IBC: Instructions	IBC03
IBC: Provisions	-
Tank instructions IMO	-
Tank instructions UN	T2
Tank instructions Special Provisions	TP1
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	A58 - A180

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	2
WGK catalog number	---
Incident regulation	---
Information on working limitations	---
Further regulations, limitations and legal requirements	---

Switzerland

Contents of VOC [%]	---
Further regulations, limitations and legal requirements	---

Refer to: 03568-0202, 03568-0206

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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)

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H319 Causes serious eye irritation.

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 03.05.2023

Sie sichern jedoch nicht die Einhaltung bestimmter Eigenschaften im Sinne der Rechtsverbindlichkeit zu.

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