

SAFETY DATA SHEET

50 606 - AERO CLEAN RAPID

Article No.	50 606	Issue date:	25.06.24
Version	8.2 (25.06.24)	Page	1 / 9

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

1.1 Product identifier

Trade name	50 606 - AERO CLEAN RAPID
REACH registration No.	---
UFI	UFI: YS4H-Q49F-E00Q-3NUT

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

General use

Products for the artistic design of load-bearing and solid substrates.

Uses advised against

Applications other than "General use"

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.~~
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

SAFETY DATA SHEET

50 606 - AERO CLEAN RAPID

Article No.	50 606	Issue date:	25.06.24
Version	8.2	Page	2 / 9
	(25.06.24)		

lenses, if present and easy to do. Continue rinsing.
 P501 Dispose of contents/container in accordance with national regulations.

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical characterisation

Water
 Alcohol
 non-ionic surfactants

CAS-Number ---
 EINECS / ELINCS / NLP ---
 REACH registration No. ---
 CI-Number ---

3.2 Mixtures

Substance 1

ethanol: 30 < 50 %
 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

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. Seek medical treatment in case of troubles.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

Item Numbers: 85404-0101, 85404-0105

SECTION 5: Firefighting measures

50 606 - AERO CLEAN RAPID

Article No.	50 606	Issue date:	25.06.24
Version	8.2	Page	3 / 9
	(25.06.24)		

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**

Store in a well-ventilated place. Keep container tightly closed. Keep away from sources of ignition and heat.

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.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Item Numbers: 85404-0101, 85404-0105

DNEL overview

64-17-5 ethanol

SAFETY DATA SHEET

50 606 - AERO CLEAN RAPID

Article No. **50 606** Issue date: **25.06.24**
 Version **8.2** (**25.06.24**) Page **4 / 9**

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 blue
 Odour weak alcoholic

	min	max		
Melting point/freezing point	---	---		
Initial boiling point and boiling range	95 °C	105 °C		
Flammability				---
Explosion limits	3,5	15 Vol%		
Flash point/flash point range	24 °C	26 °C		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
Viscosity	---	---	---	---

Item Numbers: 85404-0101, 85404-0105

50 606 - AERO CLEAN RAPID

Article No.	50 606		Issue date:	25.06.24
Version	8.2	(25.06.24)	Page	5 / 9

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 ---
particle characteristics ---

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

There are no data available on the preparation/mixture itself.

In case of inhalation

There are no data available on the preparation/mixture itself.

After swallowing

There are no data available on the preparation/mixture itself.

In case of skin contact

There are no data available on the preparation/mixture itself.

SAFETY DATA SHEET

50 606 - AERO CLEAN RAPID

Article No.	50 606	Issue date:	25.06.24
Version	8.2	Page	6 / 9
	(25.06.24)		

After eye contact

There are no data available on the preparation/mixture itself.

Sensibilisation: Respiratory system

There are no data available on the preparation/mixture itself.

Sensibilisation: Skin

There are no data available on the preparation/mixture itself.

Specific target organ toxicity

There are no data available on the preparation/mixture itself.

Repeated dose toxicity

There are no data available on the preparation/mixture itself.

Carcinogenic, germ cell mutagen and reproduction effects

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 partially biodegradable.

Oxygen demand

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)

Partition coefficient: n-octanol/water

Item Numbers: 85404-0101, 85404-0105

12.4 Mobility in soil

50 606 - AERO CLEAN RAPID

Article No.	50 606	Issue date:	25.06.24
Version	8.2	Page	7 / 9
	(25.06.24)		

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

12.7 Other adverse effects

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

Dispose of waste according to applicable legislation. Do not allow to enter into surface water or drains.

Package**Waste key number**

Recommendation

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

Additional information<https://www.schmincke.de/en/know-how/good-to-know/disposing-of-washing-water-colour-medium-remains>**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
Keimnummer	30
Hazard label ADR	3

50 606 - AERO CLEAN RAPID

Article No.	50 606	Issue date:	25.06.24
Version	8.2	Page	8 / 9
	(25.06.24)		

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	E1
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	LK 2
Water Hazard Class	2
WGK catalog number	---
Incident regulation	---

50 606 - AERO CLEAN RAPID

Article No.	50 606		Issue date:	25.06.24
Version	8.2	(25.06.24)	Page	9 / 9

Information on working limitations

Further regulations, limitations and legal requirements

Switzerland**Contents of VOC [%]**

48,5 %

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)

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) 2023/1435 - ATP 20

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Additional information
