

# SAFETY DATA SHEET

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

## 50 737 - AQUA granulation spray

Article No.	50 737	Issue date:	02.02.23
Version	2.1 ( 02.02.23 )	Page	1 / 9

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

#### 1.1 Product identifier

Trade name 50 737 - AQUA granulation spray  
REACH registration No. ---  
UFI UFI: 00HH-04QF-J00J-SD68

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

General use Products for creation of art.

Uses advised against  
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#### 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. 2; H225 Highly flammable liquid and vapour.

#### 2.2 Label elements

##### Labelling



Signal word Danger

##### Hazard statements

H225 Highly 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.

# SAFETY DATA SHEET

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

## 50 737 - AQUA granulation spray

Article No.	50 737	Issue date:	02.02.23
Version	2.1 ( 02.02.23 )	Page	2 / 9

P211 Do not spray on an open flame or other ignition source.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P403+P235 Store in a well-ventilated place. Keep cool.

### Text for labelling (CLP)

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## SECTION 3: Composition/information on ingredients

### 3.1 Substances

#### Chemical characterisation

Alcohols  
Water  
solvents

CAS-Number ---  
EINECS / ELINCS / NLP ---  
EU index number ---  
REACH registration No. ---  
Hazchem-Code ---  
CI-Number ---

### 3.2 Mixtures

Substance 1
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ethanol: > 90 %  
CAS: 64-17-5  
REACH: 01-2119457610-43-XXXX  
Eye Irrit. 2; H319 / Flam. Liq. 2; H225

#### Additional information

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## 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

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# SAFETY DATA SHEET

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

## 50 737 - AQUA granulation spray

Article No.	50 737	Issue date:	02.02.23
Version	2.1 ( 02.02.23 )	Page	3 / 9

### 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

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## 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. Provide adequate ventilation.

#### Additional information

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### 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

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on naked flames or any incandescent material.

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### 7.2 Conditions for safe storage, including any incompatibilities

#### Requirements for storerooms and containers

Keep in a cool, well-ventilated place.

#### Hints on joint storage

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#### Storage class

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#### 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.

# SAFETY DATA SHEET

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

## 50 737 - AQUA granulation spray

Article No. 50 737  
Version 2.1

( 02.02.23 )

Issue date:  
Page

02.02.23  
4/ 9

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

64-17-5 ethanol

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

#### DNEL overview

64-17-5 ethanol

DNEL worker	Long-term - inhalation, systemic effects	950,00000	mg/m <sup>3</sup>
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 <sup>3</sup>
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

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#### 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 > 0,50 mm  
Breakthrough time > 480 min  
Butoflex 650 - MAPA GmbH, Industriestraße 21- 25, D-27404 Zeven, Internet: [www.mapa-pro.de](http://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 colourless  
Odour alcoholic

# SAFETY DATA SHEET

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

## 50 737 - AQUA granulation spray

Article No. 50 737 Issue date: 02.02.23  
Version 2.1 ( 02.02.23 ) Page 5/ 9

	min	max		
Melting point/freezing point	---	---		
Initial boiling point and boiling range	---	---		
Flammability		---		
Explosion limits	3 Vol%	15 Vol%		
Flash point/flash point range	---	12 °C		
Ignition temperature	235 °C	235 °C		
PH	---	---	---	---
Viscosity	---	---	---	---
Solubility		---	---	---
Partition coefficient: n-octanol/water		---		
Vapour pressure		3500 hPa	20 °C	---
Density and/or relative density		0,79 g/ml	20 °C	---
Relative vapour density	---	---	---	---
Auto-ignition temperature	---	---	---	---
Refraction index	---	---	---	---

Danger of explosion ---

### 9.2 Other information

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## 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

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### 10.4 Conditions to avoid

Protect from frost and exposure to sun.

### 10.5 Incompatible materials

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### 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

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# SAFETY DATA SHEET

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

## 50 737 - AQUA granulation spray

Article No.	50 737	Issue date:	02.02.23
Version	2.1	Page	6 / 9

### 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

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### General remarks

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### 11.2 Information on other hazards

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## 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

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#### Water Hazard Class

1

#### WGK catalog number

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#### General information

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### 12.2 Persistence and degradability

#### Further details

Product is partially biodegradable.

#### Oxygen demand

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### 12.3 Bioaccumulative potential

#### Bioconcentration factor (BCF)

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#### Partition coefficient: n-octanol/water

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### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Endocrine disrupting properties

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# SAFETY DATA SHEET

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

## 50 737 - AQUA granulation spray

Article No.	50 737	Issue date:	02.02.23
Version	2.1	Page	7 / 9

### 12.7 Other adverse effects

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## 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

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**Recommendation**

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#### Package

**Waste key number**

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**Recommendation**

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

#### Additional information

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## 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

II

### 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 33

Hazard label ADR 3

Limited quantities 1L

Package: Instructions P001 - IBC02 - R001

Package: Special Provisions -

Special provisions for packing together MP19

Portable tanks: Instructions T4

Portable tanks: Special Provisions TP1

Tank coding LGBF

Tunnel restriction D/E

# SAFETY DATA SHEET

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

## 50 737 - AQUA granulation spray

Article No.	50 737	Issue date:	02.02.23
Version	2.1	Page	8 / 9

Remarks	---
EQ	E2
Special Provisions	144 - 601

### Sea transport (IMDG)

EmS	F-E, S-D
Special Provisions	144
Limited quantities	1L
Package: Instructions	P001
Package: Special Provisions	-
IBC: Instructions	IBC02
IBC: Provisions	-
Tank instructions IMO	-
Tank instructions UN	T4
Tank instructions Special Provisions	TP1
Stowage and segregation	category A
Properties and observations	---
Remarks	---
EQ	E2

### Air transport (IATA-DGR)

Hazard	Flammable Liquid
Passenger	353 (5L)
Passenger LQ	Y341 (1L)
Cargo	364 (60L)
ERG	3L
Remarks	---
EQ	E2
Special Provisioning	A3

### 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	90 %
[g/L]	
Further regulations, limitations and legal requirements	---

##### Germany

Storage class	---
Water Hazard Class	1
WGK catalog number	---
Incident regulation	---
Information on working limitations	---
Further regulations, limitations and legal requirements	---

##### Switzerland

Contents of VOC [%]	
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# SAFETY DATA SHEET

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

## 50 737 - AQUA granulation spray

Article No.	50 737	Issue date:	02.02.23
Version	2.1 ( 02.02.23 )	Page	9 / 9

~ 90 %

Further regulations, limitations and legal requirements

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### USA

Further regulations, limitations and legal requirements

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Federal Regulations

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State Regulations

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### Canada

Further regulations, limitations and legal requirements

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### 15.2 Chemical Safety Assessment

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## SECTION 16: Other information

### Further information

**Hazard statements (CLP)** H225 Highly 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 a liability for damage arising in connection with the use of our products.

#### **Literature**

REGULATION (EU) 2020/217 - ATP 14

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**

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#### **Additional information**

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