

## 1. Identification of the substance/preparation and of the company/undertaking

* Commercial Product name	art.no.: 50 735 - AQUA effect spray
* Use of the substance	for coincidental surface effects on water-colour-paintings
Company	
*	H.Schmincke & Co. GmbH & Co. KG Otto-Hahn-Strasse 2 D-40699 Erkrath www.schmincke.de
* Phone #	+49 (0) 211 - 25 09 - 0
* Telefax #	+49 (0) 211 - 25 09 - 461
* Information	Schmincke-laboratory: mo.-th. 8.00-16.30, fr. 8.00-13.30 tel.: +49 (0) 211 - 25 09 - 474 eMail: labor@schmincke.de
Emergency Information	
*	Emergencycall Berlin: +49 (0) 30 - 1 92 40

## 2. Hazard identification

### Classification

\* Nature of Hazard F Highly flammable



\* R phrase(s) R11 Highly flammable.

## 3. Composition/information on ingredients

* Chemical characterization (substance)	Alcohols
Dangerous constituents	
*	Ethanol: > 90 % CAS-Number: 64-17-5 R phrase(s): 11

## 4. First aid measures

* After inhalation	By continuous complaints consult a physician.
* After skin contact	When in contact with the skin, clean with soap and water.
* After eye contact	In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.
* After swallowing	By continuous complaints consult a physician.

## 5. Fire fighting measures

\* Suitable extinguishing media Compatible with all usual extinguishing media.

article **50 735 - AQUA effect spray**  
**50735000**

version: 2

Date: 17.01.2008  
Page 2 of 4

## 6. Accidental release measures

- \* Personal precautions
- \* Methods for cleaning up / spillage removal

Information regarding personal protective measures see, chapter 8.  
Pick up mechanically. Rinse away rest with water.

## 7. Handling and storage

### Handling

- \* Information for safe handling

Keep away from sources of ignition - refrain from smoking. Observe the usual precautions when handling chemicals.

### Storage

- \* Requirement for storerooms and containers

Keep container tightly closed in a cool, well-ventilated place.

## 8. Exposure controls / personal protection

### Critical values of exposure

- \* Ethanol CAS-Number: 64-17-5  
AGW according to TRGS 900 -> 960 mg/m<sup>3</sup>  
AGW according to TRGS 900 -> 500 ml/m<sup>3</sup>

### Limitation and surveillance of the exposure at the workplace.

- \* Respiratory protection

Breathing apparatus in the event of high concentrations.

### Hand protection

- \* Glove material

Butyl f.e. Butoject 898 Art.No. 0898 - Kächele-Cama Latex GmbH, Am Kreuzacker 9, D-36124 Eichenzell, Internet: [www.kcl.de](http://www.kcl.de)

- \* Breakthrough time

Permeation: Level 6 (> 480 min.)

- \* Eye protection

Safety glasses

## 9. Physical and chemical properties

### Appearance

- \* Form liquid
- \* Colour colourless
- \* Odour characteristic

### Safety relevant data

- Boiling temperature / boiling range 78 °C
- Flash point 12 °C
- Explosion limits
  - \* Lower explosive limit 3,3 %
  - \* Upper explosion level 15 %
  - \* Density 0,8 g/ml

## **10. Stability and reactivity**

\* Materials to avoid Reactions with strong oxidising agents.

## **11. Toxicological information**

### Toxicological Tests

\* Acute toxicity LD50 rat a (oral): > 7000 mg/kg.  
The toxicological information is based on the main components.

## **12. environmental data**

### Details of elimination (decomposition and persistence)

\* Text of valuation biodegradable

## **13. Disposal considerations**

### Product

\* Recommendation 080111\* waste paint and varnish containing organic solvents or other dangerous substances

## **14. transport information**

### Overland transport

\* UN No. 1170  
\* Class 3 - flammable liquid  
\* Packaging group II  
\* Description of goods ETHANOL SOLUTION

### Transport by sea

\* UN No. 1170  
\* Class 3 - flammable liquid  
\* Subrisk -  
\* Packing Group II  
\* Proper shipping name ETHANOL / ETHANOL SOLUTION  
\* EmS number F-E, S-D

### Air transport

\* UN No. 1170  
\* Class 3 - flammable liquid  
\* Proper shipping name ETHANOL / ETHANOL SOLUTION  
\* Hazardous Material ETHANOL  
\* Packing Group II

## 15. legal regulations

### Classification

- |                    |  |
|--------------------|--|
| * Nature of Hazard | F Highly flammable   |
| * R phrase(s)      | R11 Highly flammable.  |
| * S phrase(s)      | S2 Keep out of the reach of children.<br>S46 If swallowed, seek medical advice immediately and show this container or label. |

## 16. Other information

- |               |                       |
|---------------|-----------------------|
| * R phrase(s) | R11 Highly flammable. |
|---------------|-----------------------|

- |                   |  |
|-------------------|--|
| * Further remarks | 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. |
|-------------------|--|