

Trade name: Contact Liquid for AirOne / AirOne Flex

Version: 2 / GB

Date revised: 08.01.2025

Substance number:: R-3211819

Replaces Version: - / GB

Print date: 08.01.2025

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

### **1.1. Product identifier**

Contact Liquid

#### **Substance / product identification**

PR-No. 3211819

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

#### **Use of the substance/preparation**

Contact agent (for inhalation)

### **1.3. Details of the supplier of the safety data sheet**

#### **Address/Manufacturer**

Albert Kerbl GmbH

Felizenzell 9

84428 Buchbach

Telephone no. +49 8086 933-100

Fax no. +49 8086 933-500

Information provided Albert Kerbl GmbH Tel.: 0049-(0)8086-933-302

by / telephone

E-mail address of sdb-team@kerbl.com

person responsible

for this SDS

### **1.4. Emergency telephone number**

Joint poison information center for the states of Mecklenburg-Western Pomerania, Saxony, Saxony-Anhalt and Thuringia c/o HELIOS Klinikum Erfurt Nordhäuser Strasse 74

Tel.: (03 61) 73 07 30 - Fax: (03 61) 7 30 73 17

E-Mail: ggiz@ggiz-erfurt.de - Internet: www.ggiz-erfurt.de

For England (NHS 111) call: 111

For Scotland (NHS24) call: 111

For Wales (NHS Direct) call: 111

When it's less urgent than: 999

For Northern Irland call: GP Out-of-Hours ([www.gpoutofhours.hscni.net](http://www.gpoutofhours.hscni.net))

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

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**2.3. Other hazards**

None

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

**Other information**

Mixture of demineralised water and Na-hydrogencarbonate.

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

No special measures required.

**After inhalation**

No special measures required.

**After skin contact**

No special measures required.

**After eye contact**

In the event of symptoms take medical treatment.

**After ingestion**

No special measures required.

**Adhere to personal protective measures when giving first aid**

First aider: Pay attention to self-protection!

**4.2. Most important symptoms and effects, both acute and delayed**

Until now no symptoms known so far.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Hints for the physician / treatment**

No further relevant information available.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Foam, Carbon dioxide, Water spray jet, Water mist, ABC powder, BC powder

**Non suitable extinguishing media**

Full water jet

**5.2. Special hazards arising from the substance or mixture**

In case of combustion evolution of dangerous gases possible. In the event of fire the following can be released: dense black smoke; Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); Exposure to decomposition products may be hazardous to health. Do not breathe fumes.

**5.3. Advice for firefighters**

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**Special protective equipment for fire-fighting**

In case of combustion use a suitable breathing apparatus.

**Other information**

Cool endangered containers with water spray jet. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Refer to protective measures listed in Sections 7 and 8.

**6.2. Environmental precautions**

No special environmental measures are necessary.

**6.3. Methods and material for containment and cleaning up**

No special measures required.

**6.4. Reference to other sections**

Refer to protective measures listed in Sections 7 and 8.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

No special measures necessary if used correctly.

**Advice on protection against fire and explosion**

No special measures required.

**7.2. Conditions for safe storage, including any incompatibilities**

**Recommended storage temperature**

Value                                      >=    15                                      <=    25                                      °C

**Requirements for storage rooms and vessels**

Store product in closed containers.

**Hints on storage assembly**

Do not store together with foodstuffs.

**Storage classes**

Storage class according to TRGS 510      10-13                                      Other combustible and non-combustible substances

**Further information on storage conditions**

Keep container tightly closed and dry.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Other information**

Contains no substances with occupational exposure limit values.

**8.2. Exposure controls**

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**General protective and hygiene measures**

Observe the usual precautions for handling chemicals.

**Respiratory protection**

Not necessary.

**Hand protection**

Not necessary.

**Eye protection**

Not necessary.

**Body protection**

Normally not required.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**Physical state** liquid

**Colour** colourless

**Odour** odourless

**Melting point**

Remarks not determined

**Freezing point**

Remarks not determined

**Boiling point or initial boiling point and boiling range**

Value 100 °C

**Flammability**

not determined

**Upper and lower explosive limits**

Remarks not determined

**Flash point**

Remarks Not applicable

**Auto-ignition temperature**

Remarks not determined

**Decomposition temperature**

Remarks not determined

**pH value**

Remarks not determined

**Viscosity**

Remarks not determined

**Solubility(ies)**

Remarks Completely miscible

**Partition coefficient n-octanol/water (log value)**

Remarks not determined

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**Vapour pressure**

Value	23		hPa
Temperature	20	°C	

**Density and/or relative density**

Value	1		g/cm <sup>3</sup>
Temperature	20	°C	

**Relative vapour density**

Remarks not determined

**9.2. Other information****Odour threshold**

Remarks not determined

**Evaporation rate (ether = 1) :**

Remarks not determined

**Solubility in water**

Remarks not determined

**Explosive properties**

evaluation not determined

**Oxidising properties**

Remarks not determined

**Other information**

None known

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

Hazardous decomposition products should not be formed under normal storage and use conditions.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

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Remarks Based on available data, the classification criteria are not met.

### **Acute dermal toxicity**

Remarks Based on available data, the classification criteria are not met.

### **Acute inhalational toxicity**

Remarks Based on available data, the classification criteria are not met.

### **Skin corrosion/irritation**

Remarks Based on available data, the classification criteria are not met.

### **Serious eye damage/irritation**

Remarks Based on available data, the classification criteria are not met.

### **Sensitization**

Remarks Based on available data, the classification criteria are not met.

### **Subacute, subchronic, chronic toxicity**

Remarks Based on available data, the classification criteria are not met.

### **Mutagenicity**

Remarks Based on available data, the classification criteria are not met.

### **Reproductive toxicity**

Remarks Based on available data, the classification criteria are not met.

### **Carcinogenicity**

Remarks Based on available data, the classification criteria are not met.

### **Specific Target Organ Toxicity (STOT)**

Remarks Based on available data, the classification criteria are not met.

## **11.2. Information on other hazards**

### **Endocrine disrupting properties with respect to humans**

No data available.

### **Other information**

There is no data available on the product apart from the information given in this subsection.

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

#### **General information**

Based on available data, the classification criteria are not met.

### **12.2. Persistence and degradability**

#### **General information**

not determined

### **12.3. Bioaccumulative potential**

#### **General information**

not determined

#### **Partition coefficient n-octanol/water (log value)**

Remarks not determined

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**12.4. Mobility in soil**

**General information**

not determined

**12.5. Results of PBT and vPvB assessment**

**General information**

not determined

**12.6 Endocrine disrupting properties**

**Endocrine disrupting properties with respect to the environment**

No data available.

**12.7. Other adverse effects**

**General information**

not determined

**General information / ecology**

No further relevant information available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal recommendations for the product**

Dispose of waste according to applicable legislation.

The waste key number should be determined in consultation with the consumer, the manufacturer and the disposal company. Also observe local official regulations.

**Disposal recommendations for packaging**

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

**SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
Label			
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	no	-

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**Information for all modes of transport**

**14.6. Special precautions for user**

See Sections 6 to 8

**Other information**

**14.7. Maritime transport in bulk according to IMO instruments**

not determined

**SECTION 15: Regulatory information**

**15.2. Chemical safety assessment**

For this preparation a chemical safety assessment has not been carried out.

**SECTION 16: Other information**

**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.



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

### **1.1. Product identifier**

Contact Liquid 1 litre for AirOne / AirOne Flex

#### **Substance / product identification**

PR-No. 3211819

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

#### **Use of the substance/preparation**

Contact agent (for inhalation)

### **1.3. Details of the supplier of the safety data sheet**

#### **Address/Manufacturer**

Albert Kerbl GmbH

Felizenzell 9

84428 Buchbach

Telephone no. +49 8086 933-100

Fax no. +49 8086 933-500

Information provided by / telephone Albert Kerbl GmbH Tel.: 0049-(0)8086-933-302

E-mail address of person responsible sdb-team@kerbl.com

for this SDS

### **1.4. Emergency telephone number**

Joint poison information center for the states of Mecklenburg-Western Pomerania, Saxony, Saxony-Anhalt and Thuringia c/o HELIOS Klinikum Erfurt Nordhäuser Strasse 74

Tel.: (03 61) 73 07 30 - Fax: (03 61) 7 30 73 17

E-Mail: ggiz@ggiz-erfurt.de - Internet: www.ggiz-erfurt.de

Netherlands: National Poisons Information Center / University Medical Center Utrecht +31 88 75 585 61

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

### **2.3. Other hazards**

None

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## **SECTION 3: Composition/information on ingredients**

### **3.2. Mixtures**

#### **Other information**

Mixture of demineralised water and Na-hydrogencarbonate.

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

#### **General information**

No special measures required.

#### **After inhalation**

No special measures required.

#### **After skin contact**

No special measures required.

#### **After eye contact**

In the event of symptoms take medical treatment.

#### **After ingestion**

No special measures required.

#### **Adhere to personal protective measures when giving first aid**

First aider: Pay attention to self-protection!

### **4.2. Most important symptoms and effects, both acute and delayed**

Until now no symptoms known so far.

### **4.3. Indication of any immediate medical attention and special treatment needed**

#### **Hints for the physician / treatment**

No further relevant information available.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Foam, Carbon dioxide, Water spray jet, Water mist, ABC powder, BC powder

#### **Non suitable extinguishing media**

Full water jet

### **5.2. Special hazards arising from the substance or mixture**

In case of combustion evolution of dangerous gases possible. In the event of fire the following can be released: dense black smoke; Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); Exposure to decomposition products may be hazardous to health. Do not breathe fumes.

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighting**

In case of combustion use a suitable breathing apparatus.

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**Other information**

Cool endangered containers with water spray jet. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Refer to protective measures listed in Sections 7 and 8.

**6.2. Environmental precautions**

No special environmental measures are necessary.

**6.3. Methods and material for containment and cleaning up**

No special measures required.

**6.4. Reference to other sections**

Refer to protective measures listed in Sections 7 and 8.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

No special measures necessary if used correctly.

**Advice on protection against fire and explosion**

No special measures required.

**7.2. Conditions for safe storage, including any incompatibilities**

**Recommended storage temperature**

Value  $\geq$  15  $\leq$  25 °C

**Requirements for storage rooms and vessels**

Store product in closed containers.

**Hints on storage assembly**

Do not store together with foodstuffs.

**Storage classes**

Storage class according to TRGS 510 10-13 Other combustible and non-combustible substances

**Further information on storage conditions**

Keep container tightly closed and dry.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Other information**

Contains no substances with occupational exposure limit values.

**8.2. Exposure controls**

**General protective and hygiene measures**

Observe the usual precautions for handling chemicals.

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**Respiratory protection**

Not necessary.

**Hand protection**

Not necessary.

**Eye protection**

Not necessary.

**Body protection**

Normally not required.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	liquid	
<b>Colour</b>	colourless	
<b>Odour</b>	odourless	
<b>Melting point</b>		
Remarks	not determined	
<b>Freezing point</b>		
Remarks	not determined	
<b>Boiling point or initial boiling point and boiling range</b>		
Value	100	°C
<b>Flammability</b>		
not determined		
<b>Upper and lower explosive limits</b>		
Remarks	not determined	
<b>Flash point</b>		
Remarks	Not applicable	
<b>Auto-ignition temperature</b>		
Remarks	not determined	
<b>Decomposition temperature</b>		
Remarks	not determined	
<b>pH value</b>		
Remarks	not determined	
<b>Viscosity</b>		
Remarks	not determined	
<b>Solubility(ies)</b>		
Remarks	Completely miscible	
<b>Partition coefficient n-octanol/water (log value)</b>		
Remarks	not determined	
<b>Vapour pressure</b>		
Value	23	hPa
Temperature	20	°C

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**Density and/or relative density**

Value	1		g/cm <sup>3</sup>
Temperature	20	°C	

**Relative vapour density**

Remarks not determined

**9.2. Other information****Odour threshold**

Remarks not determined

**Evaporation rate (ether = 1) :**

Remarks not determined

**Solubility in water**

Remarks not determined

**Explosive properties**

evaluation not determined

**Oxidising properties**

Remarks not determined

**Other information**

None known

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

Hazardous decomposition products should not be formed under normal storage and use conditions.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute dermal toxicity**

Remarks Based on available data, the classification criteria are not met.

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### Acute inhalational toxicity

Remarks Based on available data, the classification criteria are not met.

### Skin corrosion/irritation

Remarks Based on available data, the classification criteria are not met.

### Serious eye damage/irritation

Remarks Based on available data, the classification criteria are not met.

### Sensitization

Remarks Based on available data, the classification criteria are not met.

### Subacute, subchronic, chronic toxicity

Remarks Based on available data, the classification criteria are not met.

### Mutagenicity

Remarks Based on available data, the classification criteria are not met.

### Reproductive toxicity

Remarks Based on available data, the classification criteria are not met.

### Carcinogenicity

Remarks Based on available data, the classification criteria are not met.

### Specific Target Organ Toxicity (STOT)

Remarks Based on available data, the classification criteria are not met.

## 11.2. Information on other hazards

### Endocrine disrupting properties with respect to humans

No data available.

### Other information

There is no data available on the product apart from the information given in this subsection.

## **SECTION 12: Ecological information**

### 12.1. Toxicity

#### General information

Based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

#### General information

not determined

### 12.3. Bioaccumulative potential

#### General information

not determined

#### Partition coefficient n-octanol/water (log value)

Remarks not determined

### 12.4. Mobility in soil

#### General information

not determined

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**12.5. Results of PBT and vPvB assessment**

**General information**

not determined

**12.6 Endocrine disrupting properties**

**Endocrine disrupting properties with respect to the environment**

No data available.

**12.7. Other adverse effects**

**General information**

not determined

**General information / ecology**

No further relevant information available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal recommendations for the product**

Dispose of waste according to applicable legislation.

The waste key number should be determined in consultation with the consumer, the manufacturer and the disposal company. Also observe local official regulations.

**Disposal recommendations for packaging**

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

**SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
Label			
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	no	-

**Information for all modes of transport**

**14.6. Special precautions for user**

See Sections 6 to 8

**Other information**

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**14.7. Maritime transport in bulk according to IMO instruments**  
not determined

## **SECTION 15: Regulatory information**

### **15.2. Chemical safety assessment**

For this preparation a chemical safety assessment has not been carried out.

## **SECTION 16: Other information**

### **Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.