

# SAFETY DATA SHEET

Issued on  
04 September 2017

## ULTRACLEAN

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### SANITISING LIQUID FOR AIR CONDITIONING SYSTEMS 1999/45

*In conformity to Regulation (EC) No 453/2010 of 20 May 2010*

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

##### 1.1 Product identifier

Product code: ULTRACLEAN – SANITISING LIQUID FOR AIR CONDITIONING SYSTEMS  
Trades code: ULTRACLEAN ENG CLP

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

Detergent.  
Industrial Manufacturing[SU3], Professional use[SU22].

Uses advised against:  
Do not use for purposes other than those listed.

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

PROXIND S.R.L.

43122 Parma (ITALY) - Via R. Follerau, 12  
Phone (+39) 0521 1756371 - Fax (+39) 0521 1756370  
e-mail: info@proxind.it

Specialist e-mail: e.acerbi@proxind.it

National contact: Mr. Ermete Acerbi

##### 1.4 Emergency telephone number

Anti-Poison Centre of Pavia: + 39 0382 24444 – 24 hours a day

#### SECTION 2 Hazards identification

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

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:  
Not requested

Hazard Class and Category Code(s):  
Not requested

Hazard statement Code(s):  
Not requested

2.1.2 Classification according to Directive 1999/45/EEC:

Classification:  
Non hazardous.

Nature of special risks attributed:  
None in particular



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If brought into contact with eyes, the product causes significant irritations which may last for more than 24 hours, if brought into contact with skin, it causes significant inflammation with erythema, scabs, or edema.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):  
Not requested

Hazard statement Code(s):  
Not requested

Precautionary statements:  
Response.

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

Contains:  
propan-2-ol, Composti di ammonio quaternari, benzil C12-16 alchilidimetile cloruri 50%.

#### 2.3 Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards.

### SECTION 3 Composition/information on ingredients

#### 3.1 Substances

Irrilevant.

#### 3.2 Mixtures

Refer to paragraph 16 for full text of risk phrases and hazard statements.

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
propan-2-ol	> 1 <= 5%	F; R11 Xi; R36 R67 Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	603-117-00-0	67-63-0	200-661-7	
Composti di ammonio quaternari, benzil C12-16 alchilidimetile cloruri 50%	> 0,1 <= 1%	C; R34 Xn; R21/22 N; R50 Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H412		68424-85-1	270-325-2	

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### SECTION 4 First aid measures

#### 4.1 Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product):

Wash thoroughly with soap and running water.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water for at least 10 minutes.

Ingestion:

Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine.

#### 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

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

If medical advice is needed, have product container or label at hand.

### SECTION 5 Firefighting measures

#### 5.1 Extinguishing media

Advised extinguishing agents:

Water spray, CO<sub>2</sub>, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

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

No data available.

#### 5.3 Advice for firefighters

Use protection for the breathing apparatus.

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction.

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...).

Keep containers cool with water spray.

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#### **SECTION 6 Accidental release measures**

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

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke  
Wear gloves and protective clothing.

6.1.2 For emergency responders:

Wear gloves and protective clothing.  
Eliminate all unguarded flames and possible sources of ignition. No smoking.  
Provision of sufficient ventilation.  
Evacuate the danger area and, in case, consult an expert.

##### **6.2 Environmental precautions**

Contain spill with earth or sand.  
If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.  
Discharge the remains in compliance with the regulations.

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

6.3.1 For containment

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.  
Prevent it from entering the sewer system.

6.3.2 For cleaning up

After wiping up, wash with water the area and materials involved.

6.3.3 Other information:

None in particular.

##### **6.4 Reference to other sections**

Refer to paragraphs 8 and 13 for more information.

#### **SECTION 7 Handling and storage**

##### **7.1 Precautions for safe handling**

Avoid contact and inhalation of vapors. See also paragraph 8 below.  
At work do not eat or drink.

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

Keep in original container closed tightly. Do not store in open or unlabeled containers.  
Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Store in a cool place, away from sources of heat and direct exposure of sunlight.

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#### 7.3 Specific end use(s)

Industrial Manufacturing:  
Handle with extreme caution.  
Store in a well ventilated place away from heat sources.

Professional use:  
Handle with care.  
Store in a ventilated area and away from heat, keep the container tightly closed.

#### SECTION 8 Exposure controls/personal protection

##### 8.1 Control parameters

Related to contained substances:  
propan-2-ol  
TLV: 200 ppm as TWA 400 ppm as STEL A4 (not classifiable as a human carcinogen); (ACGIH 2004).  
MAK: 200 ppm 500 mg/m<sup>3</sup>

##### 8.2 Exposure controls

Appropriate engineering controls:  
Industrial Manufacturing:  
No specific monitoring foreseen.

Professional use:  
No specific monitoring foreseen.

Individual protection measures:

a) Eye / face protection:  
Not needed for normal use.

b) Skin protection:

i) Hand protection:  
Not needed for normal use.

ii) Other:  
Wear normal work clothin.

c) Respiratory protection:  
Not needed for normal use.

d) Thermal hazards:  
No hazard to report.

Environmental exposure controls:  
Use according to good working practices to avoid pollution into the environment.



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### SECTION 9 Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Appearance	Transparent, colourless liquid	
Odour	Alcoholic	
Odour threshold	not determined	
pH	7 ± 0,3 a 20°C.	
Melting point/freezing point	-10°C.	
Initial boiling point and boiling range	+ 100°C.	
Flash point	Not flammable	
Evaporation rate	irrelevant	
Flammability (solid, gas)	Not flammable	
Upper/lower flammability or explosive limits	Not flammable	
Vapour pressure	Not relevant	
Vapour density	Not relevant	
Relative density	0,98 g/L at 20°C	
Solubility	Soluble in water and alcohols	
Water solubility	Fully	
Partition coefficient: n-octanol/water	Not determined	
Auto-ignition temperature	Not determined	
Decomposition temperature	Not determined	
Viscosity	>10cSt at 40°C	
Explosive properties	Not exploding	
Oxidising properties	Not oxidating	

#### 9.2 Other information

No data available.

### SECTION 10 Stability and reactivity

#### 10.1 Reactivity

No reactivity hazards.

#### 10.2 Chemical stability

No hazardous reaction when handled and stored according to provisions.

#### 10.3 Possibility of hazardous reactions

There are no hazardous reactions.

#### 10.4 Conditions to avoid

Nothing to report.

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#### 10.5 Incompatible materials

It can generate inflammable gases to contact with elementary metals, nitrides, inorganic sulfide, strong reducing agents.

It can generate toxic gases to contact with inorganic sulfide, strong reducing agents.

#### 10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

### SECTION 11 Toxicological information

#### 11.1 Information on toxicological effects

ATE (mix) oral = 50.000,0 mg/kg

ATE (mix) dermal = 110.000,0 mg/kg

ATE (mix) inhal = 0,0 mg/l/4 h

- a) acute toxicity: not applicable
- b) skin corrosion/irritation: If brought into contact with the skin, the product causes significant inflammation with erythema, scabs, or edema.
- c) serious eye damage/irritation: If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.
- d) respiratory or skin sensitization: not applicable
- e) germ cell mutagenicity: not applicable
- f) carcinogenicity: not applicable
- g) reproductive toxicity: not applicable
- h) specific target organ toxicity (STOT) single exposure: not applicable
- i) specific target organ toxicity (STOT) repeated exposure: not applicable
- j) aspiration hazard: not applicable

Related to contained substances:

propan-2-ol

ROUTES OF EXPOSURE: The substance can be absorbed into the body by inhalation of its vapour.

INHALATION RISK: A harmful contamination of the air will be reached rather slowly on evaporation of this substance at 20°C; on spraying or dispersing, however, much faster.

EFFECTS OF SHORT-TERM EXPOSURE: The substance is irritating to the eyes and the respiratory tract. The substance may cause effects on the central nervous system, resulting in depression. Exposure far above the OEL may result in unconsciousness.

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE: The liquid defats the skin.

LD50 (rat) Oral (mg/kg body weight) = 2100

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2100

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## SECTION 12 Ecological information

### 12.1 Toxicity

Related to contained substances:  
propan-2-ol

Ecotoxicity: Ecotoxicity in water (LC50): 100000 mg/l 96 hours [Fathead Minnow]. 64000 mg/l 96 hours [Fathead Minnow].

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Use according to good working practices to avoid pollution into the environment.

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

### 12.6 Other adverse effects

No adverse effects.

## SECTION 13 Disposal considerations

### 13.1 Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies. Recover if possible. Operate according to local or national regulations.



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### SECTION 14 Transport information

#### 14.1 UN number

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

#### 14.2 UN proper shipping name

None.

#### 14.3 Transport hazard class(es)

None.

#### 14.4 Packing group

None.

#### 14.5 Environmental hazards

None.

#### 14.6 Special precautions for user

No data available.

#### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk.

### SECTION 15 Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

#### 15.2 Chemical safety assessment

The supplier has made an assessment of chemical safety.



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### SECTION 16 Other information

#### 16.1 Other information

Description of the sentences of risk set out in paragraph 3:

R11 = Highly flammable

R21 = Harmful in contact with skin

R22 = Harmful if swallowed

R34 = Causes burns

R36 = Irritating to eyes

R50 = Very toxic to aquatic organisms

R67 = Vapours may cause drowsiness and dizziness

Description of the hazard statements exposed to point 3:

H225 = Highly flammable liquid and vapour

H319 = Causes serious eye irritation

H336 = May cause drowsiness or dizziness

H302 = Harmful if swallowed

H312 = Harmful in contact with skin

H314 = Causes severe skin burns and eye damage

H318 = Causes serious eye damage

H400 = Very toxic to aquatic life

Classification based on data of all mixture components.

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