

# SAFETY DATA SHEET

According to 2015/830/EC



## AIR CONDITIONING CLEANER. AEROSOL

Printing date: 21.02.2017

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

#### 1.1. Product identifier

Product name:

**AIR CONDITIONING CLEANER. AEROSOL**

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

Identified uses: car air conditioning cleaner. Product recommended for all types cars and any other air conditioning units.

Uses advised against: not specified

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

ENTERTRADE Spółka z ograniczoną odpowiedzialnością – Sp.k.

03-244 Warszawa

ul. Wenecka 12

tel. +48 46 874 77 51

fax. +48 46 874 77 56

#### 1.4. Emergency telephone number

+48 46 874 77 51

### SECTION 2: Hazards identification

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

Classification according to Regulation (EC) No 1272/2008 (CLP)

**Aerosol 1**

**H222** Extremely flammable aerosol.

**H229** Pressurised container: May burst if heated.

**Eye Irrit. 2**

**H319** Causes serious eye irritation

**STOT SE 3**

**H336** May cause drowsiness or dizziness.

#### 2.2. Label elements

Labeling according to Regulation (EC) No 1272/2008

**Pictograms:**



**Signal word:**

**DANGER**

**Hazard statements**

**H222** Extremely flammable aerosol.

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### Precautionary statements

#### General

**P102** Keep out of reach of children

#### Prevention

**P210** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**P211** Do not spray on an open flame or other ignition source.

**P251** Do not pierce or burn, even after use.

**P261** Avoid breathing dust/fume/gas/mist/vapours/spray.

**P271** Use only outdoors or in a well-ventilated area.

#### Response

**P304+P340** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

#### Storage

**P410+P412** Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

#### Removal

**P501** Dispose of contents/container to: in accordance with local regulation

### Additional information

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### 2.3. Other hazards

#### Results of PBT and vPvB assessment

**PBT:** Not applicable

**vPvB:** Not applicable

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**Chemical nature:** a mixture.

Name of substance	Identifier	Classification 1272/2008	% weight	
Propan-2-ol	Index 603-117-00-0	Flam. Liq. 2	H225	70 - 75
	CAS 67-63-0	Eye Irrit. 2	H319	
	EC 200-661-7	STOT SE 3	H336	
	Reg.no REACH			
	01-2119457558-25-XXXX			
Butan (containing <0.1% butadiene (EC 203-450-8))	Index 601-004-00-0	Flam. Gas. 1	H220	<20
	CAS 106-97-8	Press. Gas	H280	
	EC 203-448-7			
	Reg no. REACH			
	01-2119474691-32-XXXX			
Propan	Index 601-003-00-5	Flam. Gas 1	H220	<10
	CAS 74-98-6	Press. Gas	H280	
	EC 200-827-9			
	Reg no. REACH			
	01-2119486944-21-XXXX			

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Izobutan

Index 601-004-00-0

Flam. Gas 1

H220

<1

CAS 75-28-5

Press. Gas

H280

EC 200-857-2

Reg no. REACH

01-2119485395-27-XXXX

The full meaning of the risk phrases H included in the chapter 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### Inhalation:

If inhaled, move the exposed person to fresh air. Keep her warm and at rest.

Contact immediately with doctor, if the state of the person is serious or if symptoms persist.

Place it in ventilated room. Loosen the pinching of clothing as collars, ties, belts or scarves.

##### Ingestion:

Rinse mouth with water. Move the affected person immediately to fresh air. Keep it in warm and at rest. If swallowed, if the person is conscious, give to drink small amounts of water. Do not induce vomiting without direct control of medical personnel. Give to drink 2-3 glasses of water.

Contact doctor immediately if status of a person is serious or if symptoms persist. Never give anything by mouth an unconscious person.

##### Eye contact:

Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open to ensure that the entire surface is flushed. Seek medical advice.

##### Skin contact:

Immediately wash with water and soap and rinse thoroughly. Wash contaminated clothing before reuse.

If irritation persists, seek medical attention.

IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

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

Vapours cause nausea, dizziness.

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

In the workplace should be available measures to help before medical attention.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide or dry powder

##### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

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

Containers can burst violently or explode when heated, due to excessive pressure build-up

##### Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon.

##### Explosive mixture:

Not applicable-non-explosive.

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus.

Special protective equipment for firefighters

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Protective clothing against liquid and gaseous chemicals, including liquid aerosols and solid particles.  
Self-contained breathing apparatus (SCBA). Self-contained breathing apparatus

### Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

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

##### For non-emergency personnel

Avoid direct contact with the releasing substance. Wearing of suitable protective equipment to prevent any contamination of skin, eyes and personal clothing. Avoid contact with skin, eyes and clothes.

##### For emergency responders

Remove from the danger zone all persons not involved in the emergency and, if necessary, order the evacuation.

#### 6.2. Environmental precautions

Safeguard sink basins, inform workers of proper water and sewage services, set posts outside hazard area, avoid subsoil penetration.

Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Ban the use of open flames and remove all ignition sources.

Do not allow product to reach sewage system or any water course.

Avoid penetration into drainage system.

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

Eliminate all sources of ignition. No smoking

Remove containers from the contaminated area, avoid contact with sewers, water channels, foundations or bordering zones. Collect and place in suitable waste disposal containers and seal securely

Absorb with binding material and vacuum or sweep up (dry sand, diatomite, vermiculite).

Remove containers from the contaminated zone.

Wash site discharge thoroughly with water.

#### 6.4. Reference to other sections

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Keep away from heat. Keep away from sources of ignition.

Ensure good ventilation/exhaustion at the workplace.

Avoid contact with skin and eyes.

Remove and wash contaminated clothing before re-use.

When using, do not eat, drink or smoke.

Wash hands before breaks and at the end of workday.

##### Information about fire - and explosion protection:

Pressurized container: Do not pierce or burn, even after use.

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

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

Store in accordance with local regulations.

Store in original container in a dry, cool and ventilated, sheltered from direct sunlight.

Keep away from incompatible materials.

Keep container closed and sealed until use. Keep containers upright.

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Keep container tightly closed in well-ventilated place.  
Keep away from heat, sparks and open flame.  
Protect against physical damage and/or friction.  
Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.  
The product can not be used in the vicinity do not sheltered flames.  
Use appropriate container to avoid release to the environment.  
Do not store packages are not marked.  
Read all of this data sheet.  
Do not use before reading and understanding all safety precautions.

### 7.3. Specific end use(s)

No applications other than those identified in Section 1

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

106-97-8 butane

Short-term value: 1810 mg/m<sup>3</sup>, 750 ppm

Long-term value: 1450 mg/m<sup>3</sup>, 600 ppm

Carc (if more than 0.1% of buta-1.3-diene)

#### DNEL [67-62-0] 2-propanol

##### Employees:

DNEL - long-term exposure - skin 888 mg / kg / day

DNEL - long-term exposure - inhalation of 500 mg / m<sup>3</sup>

The general public

DNEL - long-term exposure - skin 319 mg / kg / day

DNEL - long-term exposure - inhalation of 89 mg / m<sup>3</sup>

DNEL - long-term exposure - swallowed 26 mg / kg / day

#### PNEC [67-62-0] 2-propanol

##### Environment

PNEC - fresh water 140.9 mg / l

PNEC - seawater 140.9 mg / l

PNEC - sediment - fresh water 552 mg / kg

PNEC - sediment - seawater 552 mg / kg

PNEC - soil 28 mg / kg

### 8.2. Exposure controls

#### Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment:

##### Eye protection



Recommendation: The personal protective equipment should be selected based on the task to be performed.

##### Hand protection:

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The selected protective gloves have to meet the requirements of EN 374

Material: nitrile rubber; Minimum thickness: 0.11 mm

Breakthrough time:> 480 min.

Chemical-resistant. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

### Body Protection

Complete suit protecting against chemicals.

### Respiratory protection

Not required. If ventilation is inadequate, suitable respiratory protection must be worn.

### Protective and hygiene measures:

Do not breathe vapor / spray. Wear suitable protective equipment.

Eye wash or provide eyewash in the workspace.

Wash hands before breaks and at end of work. Do not eat, drink or smoke at work.

## SECTION 9: Physical and chemical properties

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

<b>Appearance:</b>	Aerosol
<b>Odour:</b>	Pleasant aroma
<b>Odor threshold:</b>	Not available
<b>Colour:</b>	Colorless, transparent
<b>pH-value:</b>	No data available.
<b>Melting / Freezing Point:</b>	-20°C
<b>Initial boiling point and boiling range:</b>	No data available.
<b>Flash point:</b>	No data available.
<b>Ignition temperature:</b>	No data available.
<b>Evaporation rate:</b>	Not applicable
<b>Flammability (solid, gas):</b>	Not applicable
<b>Upper / lower flammability or upper / lower explosion limit:</b>	No data available.
<b>Vapour pressure:</b>	0,35 Pa (20°C)
<b>Vapor density (air=1):</b>	2,08
<b>Relative density:</b>	0,784-0,787 g/cm <sup>3</sup> (20°C)
<b>Solubility in water:</b>	Insoluble.
<b>The solubility in organic solvents:</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Auto-ignition temperature:</b>	425°C
<b>Decomposition temperature:</b>	Not applicable
<b>Viscosity:</b>	No data.
<b>Explosive properties:</b>	Non explosive.

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**Oxidising properties:**

No oxidizing properties.

**9.2. Other information**

No data available.

### SECTION 10: Stability and reactivity

**10.1. Reactivity**

There are no known reactivity hazards associated with this product.

**10.2. Chemical stability**

Stable at normal ambient temperatures and when used as recommended

**10.3. Possibility of hazardous reactions**

Pressurized container: Do not pierce or burn, even after use.

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

**10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition.

**10.5. Incompatible materials**

Strong acids, bases, oxidizing agents, nitrites, and certain amines.

**10.6. Hazardous decomposition products**

No data available.

### SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

**Acute toxicity**

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

**Skin corrosion/irritation**

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

**Serious eye damage/irritation**

Causes serious eye irritation.

**Respiratory or skin sensitisation**

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

**Germ cell mutagenicity**

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

**Carcinogenicity**

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

**Reproductive toxicity**

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

**STOT-single exposure**

May cause drowsiness or dizziness.

**STOT-repeated exposure**

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

**Aspiration hazard**

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

### SECTION 12: Ecological information

**12.1. Toxicity**

**Acute toxicity**

for fish: No data

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for aquatic organisms: No data

to other organisms: No data

### 12.2. Persistence and degradability

No data.

### 12.3. Bioaccumulative potential

No data

### 12.4. Mobility in soil

No data.

### 12.5. Results of PBT and vPvB assessment

The substance does not fulfil the PBT criteria (not PBT) and not the vPvB criteria (not vPvB).

### 12.6. Other adverse effects

No information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Product:

Collect the product according to instructions and submit for disposal.

Waste disposal – wastes are incinerated in appropriate facilities.

The product must be delivered to the appropriate landfill / area for waste storage or to the specialized waste incineration facility according to the local legislation.

Waste code packaging:

**16 05 04** \* gases in pressure containers (including halons) containing dangerous substances

## SEKCJA 14: Transport information

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Label no. :

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

ADR/RID  
1950

2.1



5F

EMS F-D; S-U

IMGD  
1950

AEROSOLS

2.1



5F

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EMS F-D; S-U

ADR: tunnel code 2 (D)

No data

IATA  
1950

2.1



5F

## SECTION 15: Regulatory information

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

- Regulation (EC) No 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (REACH).
- REGULATION (EC) No 1907/2006 OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation,



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Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

- COMMISSION REGULATION (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

### 15.2. Chemical safety assessment

No data

## SECTION 16: Other information

### Full text of H-phrases of Section 3

**H220** Extremely flammable gas

**H225** Highly flammable liquid and vapour.

**H280** Contains gas under pressure; may explode if heated.

**H319** Causes eye irritation.

**H336** May cause drowsiness or dizziness.

This information is based on the present state of our knowledge, they are no assurance of product features and shall not establish a contractual relationship.

### Abbreviations and Acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

PP: Severe Marine Pollutant

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

### Note to readers

The information in this SDS is based on our current knowledge and the current legislation.

The product shall not, without first obtaining written Instructions for purposes other than those mentioned in Section 1 purpose be used. It is always the user's responsibility to ensure compliance with statutory Provisions to ensure.

The information in this Safety Data Sheet describing the safety requirements for our product.

Safety data sheet was prepared by:

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