

Safety Data Sheet
in accordance with Regulation (EC)
No. 1907/2006

Page : 1 / 8

Zolleks Avto d.o.o.

AC CLEANER

Date of issue: 09/06/2014
Version: 1

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name AC CLEANER
Substance/mixture Mixture

1.2 Relevant identified uses of the substance/mixture and inadvisable uses

Identified uses: Air conditioning cleaner

1.3 Details of the supplier of the safety data sheet

Supplier:

Zolleks Avto d.o.o.
Kidričeva cesta 97
SI-4220 Škofja Loka

Telephone: +386 4 502 07 10
Telephone: +386 4 502 07 19

E-mail address of the person responsible for drawing up the safety data sheet:
info@zolleks.si

1.4 Emergency telephone number

Emergency call – Slovenia: 112

2. HAZARD IDENTIFICATION

2.1 Classification of the substance/mixture

Classification in accordance with Directive 67/548/EEC or 1999/45/EC

F, R11
Xi; R36

For the full text of the R-phrases mentioned in this Section, see Section 16.

Classification in accordance with Regulation 1272/2008

Flam.aerosol 2; H223
Eye Irrit. 2; H319

For the full text of the H-statements mentioned in this Section, see Section 16.

2.2 Label elements

Classification in accordance with Regulation 1272/2008

Pictograms:



Safety Data Sheet
in accordance with Regulation (EC)
No. 1907/2006

Page : 2 / 8

Zolleks Avto d.o.o.

AC CLEANER

Date of issue: 09/06/2014
Version: 1

Signal word: WARNING

Hazard statements:

H223 Flammable aerosol.

H319 Causes serious eye irritation.

EUH 208 - Contains perfume (d-limonene, butylphenyl methylpropional, hexyl cinnamal). May produce an allergic reaction.

Precautionary statements:

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves.

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

P337 + P313 If eye irritation persists: Get medical advice/attention.

Pressurized container: can explode if heated. Keep away from heat/sparks/open fire/hot surfaces. – Smoking is forbidden. Pressurized container: do not pierce or burn, even when empty. Protect from sunlight. Do not expose to temperatures above 50°C/122°F. Keep out of reach of children. Do not spray towards an open fire or any other source of ignition.

Additional information in accordance with the Detergents Regulation:

Contains: less than 5% anionic surface active agents; 5% or more, but less than 15% aliphatic hydrocarbons.

2.3 Other hazards

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name	CAS ES Index	REACH Reg. No.	Content in %	Classification (Directive No. 67/548)	Classification (Regulation No. 1272/2008)
SODIUM DODECYLBENZENE SULFONATE - surface active agent	25155-30-0 246-680-4 -	-	1.8	Xn; R22 Xi; R37/38 R41	Acute Tox.4 ; H302 Skin Irrit. 2 H315 Eye Dam. 1; H318 STOT SE 3 H335
TRIETHANOLAMINE	102-71-6	-	< 1	-	-
Ethanol	64-17-5 200-578-6 603-002-00-5	-	2-8	F; R11	Flam. Liq. 2 H225
Sodium nitrite	7632-00-0 231-555-9 007-010-00-4	-	0.36	O; R8 T; R25 N; R50	Ox. Sol. 3; H272 Acute Tox. 3 *; H301

Safety Data Sheet
in accordance with Regulation (EC)
No. 1907/2006

Page : 3 / 8

Zolleks Avto d.o.o.

AC CLEANER

Date of issue: 09/06/2014
Version: 1

					Aquatic Acute 1; H400
Disodium metasilicate	6834-92-0 229-912-9 014-010-00-8	-	0.01<1	C; R34 Xi; R37	Skin Corr. 1B; H314 STOT SE 3; H335
LPG Gas as a result of petroleum oil processing, liquefied	68476-85-7 270-704-2 649-202-00-6	-	5-10	F+; R12	Press. Gas Flam. Gas 1; H220
Green apple perfume	- - -	-	0.18	Xi; R43	Skin.sens1; H317

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first-aid measures

- Inhalation** Move the exposed person to fresh air. Keep the exposed person warm and at rest. If symptoms persist, seek medical advice.
- Skin contact** Immediately wash the skin with water and soap for at least 15 minutes. If irritation persists, seek medical advice.
- Eye contact** Wash the eyes with plenty of water for at least 15 minutes. Wash the eyelids as well. Immediately seek medical attention.
- Ingestion** Do not induce vomiting! Rinse mouth with water. Give the injured person a glass of water to drink slowly. Seek medical attention. Never put anything into the mouth of an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing agents

Suitable extinguishing agents Carbon dioxide, powder or split water spray.

Unsuitable extinguishing agents Direct water stream.

5.2 Special hazards arising from the substance or mixture

Special hazards Pressurized container may explode in a fire. Pressurized container may explode if heated, due to excessive pressure build-up.

Safety Data Sheet
in accordance with Regulation (EC)
No. 1907/2006

Zolleks Avto d.o.o.

AC CLEANER

Date of issue: 09/06/2014
Version: 1

Hazardous decomposition products During a fire carbon dioxide and carbon monoxide may be released.

5.3 Advice for fire-fighters

Special protective equipment for fire-fighters Wear self-contained breathing apparatus and chemical protective clothing.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Provide sufficient ventilation. Do not breathe vapour or mist.

6.2 Environmental precautions

In the event of water or sewerage system contamination, notify Information Centre.

6.3 Cleaning up methods, materials and retention

Blot dry smaller spill with inert absorbent material. Close in appropriately labelled disposal containers.

Contain larger spills and prevent from leaking into waters or sewerage systems. Dispose in accordance with local/national regulations.

6.4 Reference to other sections

Personal protective equipment See Section 8.
Waste management See Section 13.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Advice for safe handling Keep out of the reach of children. Keep away from heat, sparks and open fire.

7.2 Conditions for a safe storage, including any incompatibilities

Technical measures/storage conditions Keep away from heat, sparks and open fire. Store at room temperature in a dry, well-ventilated place. Pressurized container: do not expose to sunlight or temperature above 50°C.

7.3 Specific end uses No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

Occupational exposure limit values for ingredients:

2,2',2''-nitrilotriethanol, CAS: 102-71-6
MV: 5 mg/m³ (l)

Ethanol, CAS: 64-17-5

Safety Data Sheet
in accordance with Regulation (EC)
No. 1907/2006

Zolleks Avto d.o.o.

AC CLEANER

Date of issue: 09/06/2014
Version: 1

MV: 1900 mg/m³, 1000 ppm, STEL:4, Note: Y

Source: Rules on the protection of workers from the risks related to exposure to chemical substances at work (OG RS No. 102/2010)

8.2 Exposure controls

Engineering controls Use only in well-ventilated areas.
The occupational exposure limit values should be taken into consideration and the hazard of spray inhalation should be diminished.

Personal protective equipment

General information Wash hands and face after work. When using this product do not eat or drink.

Respiratory protection Not required in normal use.

Hand protection Use of protective gloves is recommended.

Eye protection Safety glasses with side shields.

Skin and body protection Not required in normal use.

8.3 Environmental exposure controls

General information Not determined.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance	Liquid in aerosol
Odour	Perfume fragrance
pH	7-11
Boiling point	No information available
Flash point	No information available
Vapour density	No information available
Specific weight (H ₂ O=1)	No information available
HOS	1~15%
Water solubility	No information available

9.2 Other information No information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity No information available.

10.2 Chemical stability Product is stable under normal use conditions.
Prevent heat, sparks, flames.

10.3 Possibility of hazardous reactions The product will not polymerise.

Safety Data Sheet
in accordance with Regulation (EC)
No. 1907/2006

Zolleks Avto d.o.o.

AC CLEANER
Date of issue: 09/06/2014
Version: 1
10.4 Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid exposing pressurized container to high temperatures or direct sunlight.

10.5 Incompatible materials

Oxidizing agents.

10.6 Hazardous decomposition products

Burning: carbon dioxide, carbon monoxide

11. TOXICOLOGICAL INFORMATION

(a) Acute toxicity

No information available.

(b) Irritation

Causes serious eye irritation.

(c) Corrosivity

No information available.

(d) Sensitization

No information available.

(e) Repeat dose toxicity

No information available.

(f) Carcinogenicity

No information available.

(g) Mutagenicity

No information available.

(h) Toxicity for reproduction

No information available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste management methods

Contaminated packaging and product residues: Dispose of the product or packaging at an authorised collector and disposer of hazardous waste. Empty the container before disposal (risk of explosion). Empty container must not be burned due to the risk of explosion.

National regulations regarding waste:

- Decree on waste

- Decree on the management of packaging and packaging waste

14. TRANSPORT INFORMATION

14.1 UN number:

1950

Safety Data Sheet
in accordance with Regulation (EC)
No. 1907/2006

Zolleks Avto d.o.o.

AC CLEANER

Date of issue: 09/06/2014
Version: 1

- 14.2 UN proper shipping name: AEROSOLI, VNETLJIVI
AEROSOLS, FLAMMABLE
- 14.3 Transport hazard classification: 2.1
- 14.4 Packaging group: -
- 14.5 Environmental hazard: -
- 14.6 Special precautions for user: Tunnel Restriction Code: (D)
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

15. REGULATORY INFORMATION

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

European Union

Regulation 1907/2006 (REACH), Directive 67/548/EEC and 1999/45/EC

Regulations in Slovenia

- *Chemicals Act*
- *Rules on the classification, packaging and labelling of dangerous substances*
- *Rules on the classification, packaging and labelling of dangerous preparations*
- *Decree on waste*
- *Decree on the management of packaging and packaging waste*
- *Rules on the protection of workers from the risks related to exposure to chemical substances at work*
- *Rules on personal protective equipment used by workers at work*

15.2 Chemical safety assessment

Chemical safety assessment has not been made.

16. OTHER INFORMATION

Source of the safety data sheet: manufacturer's safety data sheet

List of relevant R-phrases, hazard statements, safety phrases and/or precautionary statements

- R8 Contact with combustible material may cause fire.
R11 Highly flammable.
R12 Extremely flammable.
R22 Harmful if swallowed.
R25 Toxic if swallowed.
R34 Causes burns.
R36 Irritating to eyes.
R37 Irritating to respiratory system.
R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R50 Very toxic to aquatic organisms.
- H220 Extremely flammable gas.
H223 Flammable aerosol.
H225 Highly flammable liquid and vapour.

Safety Data Sheet
in accordance with Regulation (EC)
No. 1907/2006

Zolleks Avto d.o.o.

AC CLEANER**Date of issue:** 09/06/2014
Version: 1

H272 May intensify fire; oxidiser.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.

Date of previous issue: -**Abbreviations:**

TWA (time-weighted average): daily exposure limit value (8 h)
STEL (short-term exposure limits): limit value for short-term exposure
REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals
MV: occupational exposure limit value 8 h

The above information is based on our present knowledge and experience and relates to the product in the state in which it has been delivered. The information is to describe our product regarding safety requirements. Entries do not constitute a guarantee of the product properties in the legal sense. It is the consumer's responsibility to know and take into account the legal provisions relating to the transport and use of the product.

End of the safety data sheet