

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

Zolleks Avto d.o.o.

ZOLLEX TIRE INFLATOR

Date of issue: 30/11/2016
Version: 1.2

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

1.1 Product identifier

Trade name	ZOLLEX TIRE INFLATOR
Substance/mixture	Mixture

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

Identified uses: Car tire inflator

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 Regulation 1272/2008

Flam.aerosol 1; H222
H229

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/EC

Pictogram:



Signal word: DANGER

Hazard statements:
H222 Extremely flammable aerosol.
H229 Pressurized container: can explode if heated.

Safety Data Sheet

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

Zolleks Avto d.o.o.

ZOLLEX TIRE INFLATOR
Date of issue: 30/11/2016
Version: 1.2
Precautionary statements:

P102 Keep out of reach of children.

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

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

P251 Do not pierce or burn, even after use.

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

2.3. Other hazards

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures**

Chemical Name	CAS ES Index	REACH Reg. No.	Content in %	Classification (Regulation No. 1272/2008/EC)
Ethenediol	107-21-1 203-473-3 603-027-00-1	-	3-5%	Acute Tox. 4 *; H302
Isobutane	75-28-5 200-857-2 601-004-00-0	-	20-25%	Press.Gas Flam. Gas 1; H220 Note U, C
Propane	74-98-6 200-827-9 601-003-00-5	-	1-5%	Press.Gas Flam. Gas 1; H220 Note U
Rubber latex	-	-	10–15%	-

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 affected person to fresh air. If necessary, apply artificial respiration. Never put anything into the mouth of an unconscious person.
Skin contact	In case of irritation, immediately wash the skin with plenty of water and rinse thoroughly. If discomfort persists, seek medical advice.
Eye contact	Immediately wash the eyes with plenty of water for at least 15 minutes. Wash the eyelids as well. Remove contact lenses, if present and easy to do. Continue rinsing. If discomfort persists, seek medical advice.
Ingestion	Do not induce vomiting, seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:	Symptoms may include cough, sneezing, snivel, headache, dry throat and nose and sore throat.
Skin contact:	Symptoms may include local skin redness, swelling and itching.

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

Zolleks Avto d.o.o.

ZOLLEX TIRE INFLATOR

Date of issue: 30/11/2016
Version: 1.2

- Eye contact:** Symptoms may include eye redness, swelling, pain, lacrimation and blurred vision.
- Ingestion:** Symptoms may include stomach aches, gastric irritation, nausea, vomiting and diarrhea.

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 (fire extinguisher class B).

Unsuitable extinguishing agents Solid water stream as it may spread the fire.

5.2 Special hazards arising from the substance or mixture

Special hazards Keep containers cool with water spray from a safe distance.

5.3 Advice for fire-fighters

Special protective equipment for fire-fighters Wear self-contained breathing apparatus that is independent of the ambient atmosphere and protective clothing in case of risk of exposure to product vapors or combustion fumes.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ventilate the area. Remove all sources of ignition.

6.2 Environmental precautions

No information available.

6.3 Cleaning up methods, materials and retention

Blot dry spill with adsorbent non-flammable material and close it in appropriately labelled disposal containers. Wash out the area with water. The containers should be physically collected. Dispose in accordance with description in Section 13.

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 Avoid eye contact. Keep out of the reach of children.

Safety Data Sheet

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

Zolleks Avto d.o.o.

ZOLLEX TIRE INFLATOR
Date of issue: 30/11/2016
Version: 1.2

Do not breathe vapor/mist.

Advice for fire safety

Keep away from sources of ignition — no smoking. Keep away from heat, sparks and open fire.

7.2 Conditions for a safe storage, including any incompatibilities**Technical measures/storage conditions**

Keep container tightly closed in a dry and cool place.
 Keep away from food, drink and animal feeding stuffs.
 Maximum storage period: 2 years. Do not expose to direct sunlight.

Incompatible materials

No information available.

7.3 Specific end uses

No information available.

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

Occupational exposure limit values for ingredients:

Ethanediol, CAS: 107-21-1

MV: 52 mg/m³, 20 ppm, STEL: 2, note: K, EU

Isobutane, CAS: 75-28-5

MV: 2400 mg/m³, 1000 ppm, STEL: 4

Propane, CAS: 74-98-6

MV: 1800 mg/m³, 1000 ppm, STEL: 4

Source: Rules on the protection of workers from the risks related to exposure to chemical substances at work (OG RS No. 100/01, 39/05, 53/07, 102/10, 43/11 – Health and Safety at Work Act-1 and 38/15)

8.2 Exposure controls**8.2.1 Appropriate engineering controls**

Use only in well-ventilated areas. In confined spaces use general ventilation or local suction system. The standard precautionary measures are to be adhered to when handling chemicals.

8.2.2 Individual protection measures, such as personal protective equipment**General information**

When using this product do not eat or drink. Immediately remove contaminated, soaked clothing.
 Wash hands before break and at the end of work. Avoid contact with skin and eyes.

Respiratory protection

Not required.

Hand protection

Not required when used properly.

Safety Data Sheet

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

Zolleks Avto d.o.o.

ZOLLEX TIRE INFLATOR

Date of issue: 30/11/2016
Version: 1.2

Eye protection Not required when used properly.

Skin and body protection Not intended.

8.3. Environmental exposure controls

General information Not determined.

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

Appearance	Transparent solution (in container under pressure/spray)
Color	Distinctive
Odor	Distinctive
pH	No information available.
Flash point	No information available.
Boiling point	No information available.
Vapor pressure	No information available.
Density	0.75 g/cm ³
Vapor density (air = 1)	2.97
Content of HOS	< 650 g/l
Evaporation rate	No information available.
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.

10.3 Possibility of hazardous reactions Hazardous polymerization will not occur.

10.4 Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials Strong oxidizing agents.

10.6 Hazardous decomposition products No information available.

11. TOXICOLOGICAL INFORMATION

(a) Acute toxicity No information available.

(b) Skin corrosion/irritation No information available.

(c) Serious eye damage/irritation No information available.

(d) Respiratory or skin sensitization No information available.

(e) Germ cell mutagenicity category No information available.

(f) Carcinogenicity No information available.

Safety Data Sheet

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

Zolleks Avto d.o.o.

ZOLLEX TIRE INFLATOR
Date of issue: 30/11/2016
Version: 1.2

<u>(g) Toxicity for reproduction</u>	No information available.
<u>(h) STOT-single exposure</u>	No information available.
<u>(i) STOT-repeated exposure</u>	No information available.
<u>(j) Aspiration hazard</u>	No information available.

12. ECOLOGICAL INFORMATION

<u>12.1 Toxicity</u>	No information available.
<u>12.2 Persistence and degradability</u>	No information available.
<u>12.3 Bioaccumulative potential</u>	No information available.
<u>12.4 Mobility in soil</u>	No information available.
<u>12.5 Results of PBT and vPvB assessment</u>	No information available.
<u>12.6 Other adverse effects</u>	No information available.

13. DISPOSAL CONSIDERATIONS**13.1 Waste management methods**

Contaminated packaging: Packaging is not reusable. Packaging must be disposed at an authorized collector and disposer of hazardous waste.

Caution! Pressurized container: can explode if heated. Pressurized container: do not pierce or burn, even when empty.

National regulations regarding waste:

- Decree on waste
- Decree on the management of packaging and packaging waste

14. TRANSPORT INFORMATION

<u>14.1 UN number:</u>	UN1950
<u>14.2 UN proper shipping name:</u>	AEROSOLI, VNETLJIVI AEROSOLS, FLAMMABLE
<u>14.3 Transport hazard classification:</u>	2.1
<u>14.4. Packing group:</u>	-
<u>14.5 Environmental hazard:</u>	Sea pollutant: No.
<u>14.6 Special precautions for user:</u>	-
<u>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</u>	Not applicable

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

Zolleks Avto d.o.o.

ZOLLEX TIRE INFLATOR

Date of issue: 30/11/2016
Version: 1.2

15. REGULATORY INFORMATION

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

European Union

Regulation 1907/2006/EC (REACH)

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

16.1 Source of the Safety Data Sheet:

Composition of the product, manufacturer's safety data sheet

16.2 List of relevant hazard statements and/or precautionary statements

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H302 Harmful if swallowed.

16.3 Date of previous issue: 24/10/2014

16.4 Revision notes:

Revision of the safety data sheet in accordance with Regulation (EU) 2015/830 and consolidated version of the CLP Regulation

16.5 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, Authorization and Restriction of Chemicals
MV: occupational exposure limit value 8 h
KTV: short-term limit value 15 min.

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