

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier:

A.Z. Meisterteile Rubber Conditioner

1.2. Relevant identified uses of the mixture and uses advised against:

Silicone emulsion, rubber conditioner for consumer, professional use.

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

Information about the distributor:

Unix Autó Kft.

1139 Budapest, Frangepán utca 55-57.

Tel.: 00 36 1 270 8700

E-mail: info@unixauto.hu

1.3.1. Responsible person:

Unix Autó Kft.

E-mail:

info@unixauto.hu

1.4. Emergency telephone number:

Emergency telephone (07-15:20 h): +36 34 526 210 (CET) on workdays

Health Toxicological Information Service (ETTSZ)

1097 Budapest, Albert Flórián út 2-6.

Tel.: +36 80 201 199, +36 1 476 6464 (0-24 h)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the mixture:

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

Not considered as hazardous mixture.

Hazard statements: No hazard statements.

2.2. Label elements:

Hazard statements: No hazard statements.

Precautionary statements:

P102 – Keep out of reach of children.

EUH 208 – Contains 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.

Label of the mixture not intended for the general public must indicate:

EUH 210 – Safety data sheet available on request.

2.3. Other hazards:

The product has no other known specific hazards for human or environment.

Results of PBT and vPvB assessment: No data available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. **Substances:**

Not applicable.

3.2. **Mixtures:**

Chemical description: Poly(dimethyl-siloxane) emulsion in water.

Hazardous ingredients:

Description	CAS number	EC number / ECHA list number	REACH registration number	Conc. (%)	Classification according to Regulation (EC) No 1272/2008 (CLP)		
					Pictogram, signal word code(s)	Hazard class and category code(s)	Hazard statement code(s)
Isotridecanol- ethoxylate*	69011-36-5	500-241-6	-	>3 – <5	GHS05 GHS07 Danger	Eye Dam. 1 Acute Tox. 4	H318 H302

*: Classification specified by the manufacturer; the substance is not listed in Annex VI of the Regulation (EC) No 1272/2008.

For the full text of hazard statements, see Section 16.

SECTION 4: FIRST AID MEASURES

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

General information: In case of accident or if you feel unwell, seek medical advice. If possible, show the label.

INGESTION:

Measures:

- Give the victim plenty of water to drink in small portions.
- Do not induce vomiting.

INHALATION:

Measures:

- Take the victim into fresh air.

SKIN CONTACT:

Measures:

- Wash the skin with plenty of water and soap.
- In case of visible skin lesions or complaints, consult a doctor. If possible, show the product label or the safety Data Sheet.

EYE CONTACT:

Measures:

- In case of contact with eyes immediately flush with water.
- In case of persistent symptoms, obtain medical help.

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

The most important acute and delayed symptoms and effects are contained in Section 11.

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

No special treatment needed; treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. **Extinguishing media:**

5.1.1. **Suitable extinguishing media:**

Choose extinguishing media depending on surrounding fire.

5.1.2. **Unsuitable extinguishing media:**

No unsuitable extinguishing media known.

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

The product itself does not burn.

In case of fire, smoke and other combustion products may be formed; the inhalation of such combustion products can have serious adverse effects on health.

5.3. Advice for firefighters:

Wear full protective clothing and self-contained breathing apparatus.

Keep unprotected persons away.

Use extinguishing measures that are appropriate to the local circumstances and the surrounding environment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

6.1.1. For non-emergency personnel:

Allow only well-trained experts wearing suitable protective clothing to abide in the field of accident.

6.1.2. For emergency responders:

Caution – The spilled product is slippery.

6.2. Environmental precautions:

The spilled liquid must be contained with suitable material (eg earth).

Dispose of the spillage and the resulting waste according to the applicable environmental regulations. Do not allow the product and the resulting waste to enter sewers/soil/surface or ground water. Notify the respective authorities in accordance with local law in the case of environmental pollution immediately.

6.3. Methods and material for containment and cleaning up:

Collect the spilled product mechanically, then dispose of the collected waste properly.

In case of small quantities:

Collect the spilled product with liquid-binding material (e.g. silica), then dispose of the collected waste properly.

In case of large quantities:

The released product should be contained and pumped into a suitable container.

Any remaining slippery coating should be removed with detergent / soap solution or other biodegradable cleaning agent.

6.4. Reference to other sections:

For further and detailed information see Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling:

Observe conventional hygiene precautions.

Always shake well before use.

The spilled product causes an increased risk of slipping.

Technical measures:

No special measures required.

Precautions against fire and explosion:

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities:

Technical measures and storage condition:

Keep in the original, closed and appropriately labelled container.

Protect from direct sunlight and frost.

Storage and transport temperature: minimum 0 °C.

Incompatible materials: See Section 10.5

Packaging material: No special prescriptions.

7.3. Specific end use(s):

No specific instructions available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters:

Occupational exposure limit values (Commission Directive (EC) No 2000/39 of 8 June 2000):

The components of the mixture are not regulated with exposure limit value.

DNEL values		Oral exposure		Dermal exposure		Inhalative exposure	
		Short term (acute)	Long term (chronic)	Short term (acute)	Long term (chronic)	Short term (acute)	Long term (chronic)
Consumer	Local	no data	no data	no data	no data	no data	no data
	Systemic	no data	no data	no data	no data	no data	no data
Worker	Local	no data	no data	no data	no data	no data	no data
	Systemic	no data	no data	no data	no data	no data	no data

PNEC values		
Compartment	Value	Note(s)
Freshwater	no data	no notes
Marine water	no data	no notes
Freshwater sediment	no data	no notes
Marine water sediment	no data	no notes
Sewage Treatment Plant (STP)	no data	no notes
Intermittent release	no data	no notes
Secondary poisoning	no data	no notes
Soil	no data	no notes

8.2. Exposure controls:

In case of a hazardous material with no controlled concentration limit it is the employer's duty to keep concentration levels down to a minimum achievable by existing scientific and technological means, where the hazardous substance poses no harm to workers.

8.2.1. Appropriate engineering controls:

In pursuance of work is proper foresight needed to avoid leaking onto clothes and floors and to avoid contact with eyes and skin.

8.2.2. Individual protection measures, such as personal protective equipment:

Observe the general safety regulations when handling chemicals.

Do not eat or drink when using this product.

1. **Eye/face protection:** The use of appropriate protective glasses (EN 166) is recommended.

2. **Skin protection:**

a. **Hand protection:** Use appropriate protective gloves (EN 374).

Material: butyl rubber or nitrile rubber.

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

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

b. **Other:** No specific prescription.

3. **Respiratory protection:** Not necessary.

4. **Thermal hazards:** No thermal hazards known.

8.2.3. Environmental exposure controls:

Do not allow to enter waters or soil.

The requirements detailed in Section 8 assume skilled work under normal conditions and usage of the product for appropriate aims. If conditions differ from normal or work is carried out under extreme conditions, an expert's advice is necessary before deciding upon further protective measures.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Parameter	Value / Test method / Remarks
1. Appearance:	white liquid
2. Odour:	odorless
3. Odour threshold:	no data*
4. pH:	3 - 7 (25 °C)
5. Melting point/freezing point:	-1 °C
6. Initial boiling point and boiling range:	100 °C (1013 hPa)
7. Flash point:	no data* (ISO 3679) The product does not show a flash point until the initial boiling point.

8. Evaporation rate:	no data*
9. Flammability (solid, gas):	no data*
10. Upper/lower flammability or explosive limits:	no data*
11. Vapour pressure:	23 hPa (20 °C)
12. Vapour density:	no data*
13. Relative density:	no data*
14. Solubility(ies):	miscible with water without any limit
15. Partition coefficient: n-octanol/water:	no data*
16. Auto-ignition temperature:	no data*
17. Decomposition temperature:	> 150 °C
18. Viscosity:	dynamic viscosity: 10 - 30 mPa.s
19. Explosive properties:	no data*
20. Oxidizing properties:	no data*

9.2. **Other information:**

Further flammability: > 100 °C

Density at 20 °C: approx. 1 g/cm³ (DIN 51757)

*: The manufacturer did not carry out any tests on this parameter for the product or the results of the tests are not available at the time of publication of the data sheet.

SECTION 10: STABILITY AND REACTIVITY

10.1. **Reactivity:**

No hazardous reactions under recommended storage and handling conditions.

10.2. **Chemical stability:**

Stable under recommended storage and handling conditions.

10.3. **Possibility of hazardous reactions:**

No hazardous reactions under recommended storage and handling conditions.

10.4. **Conditions to avoid:**

No conditions to avoid known.

10.5. **Incompatible materials:**

No incompatible materials known.

10.6. **Hazardous decomposition products:**

No hazardous decomposition products known under recommended storage and handling conditions.

For the silicone part in the product: According to measurements, from approx. 150 °C, a small amount of formaldehyde is released through oxidative decomposition.

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

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

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.

11.1.1. **Summaries of the information derived from the test conducted:**

No data available.

11.1.2. **Relevant toxicological properties:**

Data about the product:

Acute toxicity:

Based on available data, no acute toxicity is expected after a single oral exposure.

Based on available data, no acute toxicity is expected after a single dermal exposure.

LD₅₀ (oral, rat): > 2000 mg/kg, source: similarity

LD₅₀ (dermal, rat): > 2000 mg/kg, source: manufacturer's data

Skin corrosion/irritation:

Based on available data, no clinically relevant skin irritation is expected.

Rabbit: Not irritant. Source: manufacturer's data.
Serious eye damage/irritation:
Based on available data, no clinically relevant eye irritation is expected.
Rabbit: Not irritant. Source: manufacturer's data.
Respiratory or skin sensitisation:
Currently, there is no toxicological control data available for the product.
Germ cell mutagenicity:
Currently, there is no toxicological control data available for the product.
Carcinogenicity:
Currently, there is no toxicological control data available for the product.
Reproductive toxicity:
Currently, there is no toxicological control data available for the product.
STOT-single exposure:
Currently, there is no toxicological control data available for the product.
STOT-repeated exposure:
Currently, there is no toxicological control data available for the product.
Aspiration hazard:
Based on the physicochemical properties of the product no aspiration hazard is expected.

- 11.1.3. Information on likely routes of exposure:**
Ingestion, inhalation, skin contact, eye contact.
- 11.1.4. Symptoms related to the physical, chemical and toxicological characteristics:**
No data available.
- 11.1.5. Delayed and immediate effects as well as chronic effects from short and long-term exposure:**
Contains 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.
- 11.1.6. Interactive effects:**
No data available.
- 11.1.7. Absence of specific data:**
No information.
- 11.1.8. Other information:**
No data available.

SECTION 12: ECOLOGICAL INFORMATION

- 12.1. Toxicity:**
The mixture is not classified as hazardous for the environment.
Data about the product:
LC₅₀ (zebrafish (Danio rerio): > 100 mg/l, dynamic, 96 hours, source: similarity
EC₅₀ (Daphnia magna): > 100 mg/l, static, 48 hours, source: similarity
EC₅₀ (clarifier sludge): > 1000 mg/l, 3 hours, source: similarity
- 12.2. Persistence and degradability:**
Data about the product:
Biodegradability:
91%, 5 days, DOC determination, source: manufacturer's data (OECD 302B)
BOD / COD:
BOD value: 4.9 mg O₂/l substance, source: manufacturer's data
COD value: 481 mg O₂/g substance, source: manufacturer's data
- 12.3. Bioaccumulation potential:**
No adverse effects are expected.
- 12.4. Mobility in soil:**
No adverse effects are expected.
- 12.5. Results of PBT and vPvB assessment:**
No data available.
- 12.6. Other adverse effects:**
No adverse effects on aquatic organisms are to be expected.
Based on experience to date, no adverse effects are expected in cleaning equipment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:

Disposal according to the local regulations.

13.1.1. Information regarding the disposal of the product:

Dispose of in accordance with applicable regulations.

Recommendation:

The product, which cannot be reused, processed or recycled, must be disposed of in approved facilities in accordance with national and local regulations.

Depending on the regulations, waste management methods may include e.g. landfill or incineration.

List of Waste Code:

No waste disposal key according to the List of Waste Code (LoW code) can be determined for this product, as only the purpose of application defined by the user enables an allocation. The LoW code number has to be determined after a discussion with a waste disposal specialist.

13.1.2. Information regarding the disposal of the packaging:

Dispose of in accordance with applicable regulations.

Recommendation:

The packaging must be completely emptied (drip-free, spray-free, clean).

The packaging can be reused or recycled in accordance with the local/national regulations in force.

Packaging that cannot be cleaned must be neutralized in the same way as the product.

13.1.3. Physical/chemical properties that may affect waste treatment options shall be specified:

No data available.

13.1.4. Sewage disposal:

No data available.

13.1.5. Special precautions for any recommended waste treatment:

No data available.

SECTION 14: TRANSPORT INFORMATION

ADR/RID; ADN; IMDG; IATA:

Not dangerous good in sense of the transport regulations.

14.1. UN Number:

No UN Number.

14.2. UN proper shipping name:

No proper shipping name.

14.3. Transport hazard class(es):

No transport hazard classes.

14.4. Packing group:

No packing group.

14.5. Environmental hazards:

Environmentally hazardous: No.

14.6. Special precautions for user:

No relevant information available.

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

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive (EC) No 1999/45 and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive (EEC) No 76/769 and Commission Directives (EEC) No 91/155, (EEC) No 93/67, (EC) No 93/105 and (EC) No 2000/21

REGULATION (EC) No 1272/2008 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 (EEC) No 67/548 and (EC) No 1999/45, and amending Regulation (EC) No 1907/2006

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: Chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

Information regarding the revision of the safety data sheet: No information.

Literature references / data sources:

Safety data sheet issued by the manufacturer (16. 02. 2017, Version: 1, Hungarian).

Methods used for the classification according to Regulation (EC) No 1272/2008:

Based on test data for the mixture, not considered as a hazardous mixture.

Relevant hazard statements (code and full text) of Sections 2 and 3:

H302 – Harmful if swallowed.

H318 – Causes serious eye damage.

EUH 208 – Contains 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.

EUH 210 – Safety data sheet available on request.

Training advice: No data available.

Full text of the abbreviations in the safety data sheet:

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate.

AOX: Adsorbable organic halides.

BCF: Bioconcentration factor.

BOD: Biological Oxygen Demand.

CAS number: Chemical Abstract Service number.

CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

CMR effects: Carcinogenic, mutagenic, reprotoxic effects.

COD: Chemical Oxygen Demand.

CSA: Chemical Safety Assessment.

CSR: Chemical Safety Report.

DNEL: Derived-No-Effect-Level.

ECHA: European Chemical Agency.

EC: European Community.

EC number: EINECS and ELINCS numbers (see also EINECS and ELINCS).

EEC: European Economic Community.

EEA: European Economic Area (EU + Iceland, Liechtenstein and Norway).

EINECS: European Inventory of Existing Commercial Chemical Substances.

ELINCS: European List of Notified Chemical Substances.

EN: European Norm.

EU: European Union.

EWC: European Waste Catalogue (replaced by LoW – see below).

GHS: Globally Harmonized System of Classification and Labelling of Chemicals.

IATA: International Air Transport Association.

ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

IMSBC: International Maritime Solid Bulk Cargoes.

IUCLID: International Uniform Chemical Information Database.

IUPAC: International Union of Pure and Applied Chemistry.

Kow: n-Octanol - Water Partition Coefficient.

LC₅₀: Lethal concentration resulting in 50 % mortality.

LD₅₀: Lethal dose resulting in 50 % mortality (median lethal dose).

LoW: List of Waste.

LOEC: Lowest Observed Effect Concentration.

LOEL: Lowest Observed Effect Level.

NOEC: No Observed Effect Concentration.

NOEL: No Observed Effect Level.

NOAEC: No Observed Adverse Effect Concentration.
NOAEL: No Observed Adverse Effect Level.
OECD: Organization for Economic Cooperation and Development.
OSHA: Occupational Safety and Health Administration.
PBT: Persistent, Bioaccumulative and Toxic.
PNEC: Predicted No Effect Concentration.
QSAR: Quantitative Structure Activity Relationship.
REACH: Regulation 1907/2006/EC concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.
SCBA: Self Contained Breathing Apparatus.
SDS: Safety Data Sheet.
STOT: Specific Target Organ Toxicity.
SVHC: Substances of Very High Concern.
UN: United Nations.
UVCB: Chemical Substances of Unknown or Variable Composition, Complex Reaction Products and Biological Materials.
VOC: Volatile Organic Compound.
vPvB: very Persistent and very Bioaccumulative.

This safety data sheet had been prepared on the basis of information provided by the manufacturer/supplier and conform to the relevant regulations.

The information, data and recommendations contained herein are provided in good faith, obtained from reliable sources and believed to be true and accurate as of the date issued; however, no representation is made as to the comprehensiveness of the information.

The SDS shall be used only as a guide for handling the product; in the course of handling and using the product other considerations may arise or be required.

Users are cautioned to determine the appropriateness and applicability of the above information to their particular circumstances and purposes and assume all risk associated with the use of this product.

It is the responsibility of the user to fully comply with local, national and international regulations concerning the use of this product.

Safety data sheet was prepared by:
MSDS-Europe
International branch of ToxInfo Kft.

Professional help regarding the explanation of
the safety data sheet:
+36 70 335 8480; info@msds-europe.com
www.msds-europe.com

