according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile lubricant spray Version: 2 Previous Issue / Date of last revision Date of issue: 30. 06. 2020 Page: 1/(13) Date revision: 08. 09. 2023 (manufacturers): - / 13. 12. 2022 **SECTION 1:** Identification of the substance/mixture and of the company/undertaking 1.1. Product identifier A.Z. Meisterteile lubricant spray UFI: U8XV-RH92-R429-0479 1.2. Relevant identified uses of the substance or mixture and uses advised against Relevant identified uses: maintenance product for residential and professional use. Uses advised against: application other than the above. 1.3. Details of the supplier of the safety data sheet: **Distributor Details:** It is related to the use of the product UNIX Autó és Alkatrészkereskedelmi Kft. technical information: H-1139 Budapest, Frangepán u. 55-57. UNIX Autó és Alkatrészkereskedelmi Kft. H-1139 Budapest, Frangepán u. 55-57. Tel.: +36 1 270 8700 Tel.: +36 1 270 8700 Fax: +36 1 270 8799 E-mail: cs@unixauto.com Fax: +36 1 270 8799 E-mail: cs@unixauto.com Responsible for SDS: UNIX Autó és Alkatrészkereskedelmi Kft. H-1139 Budapest, Frangepán u. 55-57. Tel.: +36 1 270 8700 Fax: +36 1 270 8799 E-mail: cs@unixauto.com 1.4. Emergency telephone number Emergency telephone $(07-15^{20} \text{ h})$: +36 1 270 8700 (CET) on workdays Health Toxicological Information Service (ETTSZ 1097 Budapest, Albert Flórián út 2-6.) Tel.: +36 80 201 199 (0-24 h, free number, can only be called from Hungary). +36 1 476 6464 (0-24 h, can be called for a normal fee - also from abroad) **SECTION 2:** Hazards identification 2.1. Classification of the substance or mixture Hazard Class and Category: Hazard statement: Aerosol 1 H222 Extremely flammable aerosol Pressurized container: may burst if heated. Aerosol 1 H229

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile lubricant spray Version: 2 Previous Issue / Date of last revision Date of issue: 30. 06. 2020 Page: 2/(13) Date revision: 08. 09. 2023 (manufacturers): - / 13, 12, 2022 2.2. Label elements Product identification: Trade name: A.Z. Meisterteile lubricant spray Hazardous components: GHS Pictogram: Signal word: Danger Hazard statement: H222 Extremely flammable aerosol Pressurized container: may burst if heated. H229 Supplemental hazard information: -Precautionary statements – General: P102 Keep out of reach of children. Precautionary statements – 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. Do not pierce or burn, even after use. P251 Avoid breathing spray. **P261** Use only outdoors or in a well-ventilated area. P271 Avoid release to the environment. P273 Precautionary statements - Response: P303 + P361 +IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse P353 skin with water [or shower]. P304 + P340IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305 + P351 +IF IN EYES: Rinse cautiously with water for several minutes. Remove contact **P338** lenses, if present and easy to do. Continue rinsing Precautionary statements – Storage: P410 + P412Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F. Precautionary statements – Disposal: P501 Dispose of contents/container in accordance with national regulation. Other liabilities for labelling: Tactile warning of danger and child-resistant fastening: Not required. Transport classification: see section 14.

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2.3. Other hazards

Product can form flammable/explosive gas/vapour/air mixtures. Results of PBT and vPvB assessment: The criteria for PBT or vPvB substances are not met. Endocrine disrupting properties: no data.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical description:

Mixtures of the following substances and non-hazardous substances with propellant gas.

Component(s) / Hazardous component(s):

Name	EC number	CAS number	Hazard classes and cat.	Hazard statements	Conc. %(m/m)
Distillates (petroleum), solvent-dewaxed light paraffinic REACH Registr. Nr.: 01-2119480132-48	265-159-2	64742-56-9	Asp. Tox. 1 (Note L)	H304	0-50
Distillates (petroleum), solvent-dewaxed heavy paraffinic REACH Registr. Nr.: 01-2119471299-27	265-169-7	64742-65-0	Asp. Tox. 1 (Note L)	H304	0-50
Distillates (petroleum), hydrotreated light paraffinic REACH Registr. Nr.: 01-2119487077-29	265-158-7	64742-55-8	Asp. Tox. 1 (Note L)	H304	0-50
Propellant gas – PB 4.2 T:		mixture			50
Propane REACH Registr. Nr.: 01-2119486944-21	200-827-9	74-98-6	Flam. Gas 1 Press. Gas	H220 H280	-
Butane* REACH Registr. Nr.: 01-2119474691-32	203-448-7	106-97-8	Flam. Gas 1 Press. Gas	H220 H280	-
Isobutane* REACH Registr. Nr.: 01-2119485395-27	200-857-2	75-28-5	Flam. Gas. 1 Press. Gas.	H220 H280	-

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*Classification given by the manufacturer, 1,3-butadiene content: < 0,1%

Note L: The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 ("Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method" Institute of Petroleum, London), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.

The full text of each relevant H- phrase and Hazard classes and cat. see in Section 16.

SECTION 4: First aid measures

- 4.1. Description of first aid measures
 - General information: Never give anything by mouth to an unconscious person, or never induce vomiting.
 - Inhalation: Remove exposed person to fresh air. In case of complaints, get medical advice.
 - Skin contact: Remove contaminated clothing. Wash skin with large amounts of water, use soap. In case of persistent irritation, contact a doctor.
 - Eye contact: Flush eyes with plenty of water for 10-15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of persistent irritation, contact a doctor.
 - Ingestion: Not possible under normal conditions. When happened, rinse mouth with water. Do not induce vomiting (aspiration hazard). Get medical attention.

Protection of first-aid person: It may be hazardous to the person providing aid to give mouth-tomouth resuscitation.

- 4.2. Most important symptoms and effects, both acute and delayed Propellant gas: In higher concentration the propellant may cause asphyxia and oxygen deficiency.
- 4.3. Indication of any immediate medical attention and special treatment needed Symptomatic treatment. Show safety data sheet or label to doctor.

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



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SECTION 5: Fire-fighting measures

5.1. Extinguishing media Suitable extinguishing media: Dry chemical powder, carbon dioxide, foam, water spray. Unsuitable extinguishing media: Full water jet. They could cause splattering, and spread the fire. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. 5.2. Special hazards arising from the substance or mixture Hazardous combustion products: In case of combustion carbon monoxide, carbon dioxide, various hydrocarbons and soot can be formed. 5.3. Advice for fire-fighters Special protective equipment: According to the existing fire-fighting regulations. Self-contained breathing apparatus. Further information: Use water spray just to cool down surfaces exposed to fire. Collect contaminated fire-fighting water separately. It must not enter the sewage system. Contaminated extinguishing water must be disposed of in accordance with official regulations. **SECTION 6:** Accidental release measures 6.1. Personal precautions, protective equipment and emergency procedures Personal precautions: see Section 8. Keep persons not involved in rescue at a distance. Sufficient ventilation should be provided. Keep away from sources of ignition - No smoking.

Avoid contact with skin, clothing and eyes, inhalation of gas, vapour, aerosol.

6.2. Environmental precautions:

Prevent spills from entering into natural water, soil and drains by containing the liquid. All kind of ignition sources should be removed. Do not smoke. Notify relevant authority.

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 6.3. Methods and material for containment and cleaning up Exclude source of ignition. Adequate ventilation required in enclosed areas. Keep away from sources of ignition. Use non-sparking tools. Contain spilled liquid with sand, earth or other neutral material and place in suitable containers for disposal (dangerous waste).

6.4. Reference to other sections Personal precautions: see section 8. Waste treatment methods: see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep general measures applied for normal operations with chemicals and extremely flammable aerosols.

Adequate ventilation or local exhaust must be provided.

Keep away from sources of ignition – No smoking.

Product can form flammable/explosive gas/vapour/air mixtures.

Keep container in vertical position avoiding falls and strokes.

Use explosion-proof and non-sparking tools.

Do not pierce or burn, even after use.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Avoid to accumulate electrostatic charge.

Avoid contact with skin, clothing and eyes, inhalation of gas, vapour, aerosol.

Wash hands before breaks and at end of work.

Take off contaminated clothing and wash it before reuse.

When using do not eat or drink.

Handling temperature: no data.

7.2. Conditions for safe storage, including any incompatibilities

Keep general measures applied for storage of flammable and explosive materials.

Store in dry, well-ventilated place in original, closed containers.

Keep away from direct sunshine, direct heat or ignition sources, electrostatic charging.

Keep away from strong oxidizing agents.

Keep away from food, drink and feed.

Keep out of reach of children.

Storage temperature: max. 35°C.

7.3. Specific end use(s)

Maintenance product for residential and professional use.

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



accord	ling to regulation 1907/2006/I	EC (REACH) and	1272/2008/EC	Meisterteile ®
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SECT	ION 8: Exposure control	s / personal prote	ection	
8.1. C -	Control parameters			
8.2. E	Exposure controls			
Ν	No component to be indicated.			
E	Engineering control measures: Ensure adequate ventilation			
	Personal protection: a) Eye/face protection	Protective gogg may occur (EN	les with side shields or face	shield if splashes
(1	b) Skin protection (i) Hand protection	Protective glov rubber. Note: Manufac	es (EN 374). Material: nitr turer's directions for use an ald be observed.	
	(ii) Otherc) Respiratory protectiond) Thermal hazards	Long-sleeved p In case of exce	rotective clothing, protective eded exposure-limits respira A/P1) is recommended (EN 14	tory protection with
	Environmental exposure contro Do not discharge into drai		groundwater.	
SECT	ION 9: Physical and chen	nical properties		
9.1. I	nformation on basic physical		erties	
a			aerosol (active ingred	ient: liquid, under
b			pressure) colorless or yellowish	1
c d		nt:	oil PB 4.2 T data: -187.6	138.3°C

- d) Melting point/freezing point:
 e) Boiling point or initial boiling point and boiling range:
- f) Flammability:

PB 4.2 T data: -104 - -60°C Extremely flammable aerosol

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	g)	Lower and upper explosion limit:	Product is not explosive. However, formation of explosive air/steam mixture is possible. PB 4.2 T data: 5-15 tf% (literature data)
	h)	Flash point (EN ISO 2592) (COC):	not available
	i)	Auto-ignition temperature:	PB 4.2 T data: 287-537°C
	j)	Decomposition temperature:	not available
	k)	pH:	not available
	1)	Kinematic viscosity	not available
		at 40°C:	$15.9 \text{ mm}^2/\text{s}$ (charge)
		at 100°C:	3.5 mm ² /s (charge)
	m)	Solubility	
		Solubility in water:	not soluble
		Solubility in other solvents:	Charge: dissolves in gasoline, petroleum toluene, etc. dissolves
	n)	Partition coefficient n-octanol/water (log value):	not available
	o)	Vapour pressure:	PB 4.2 T data: ≤1600 kPa (at 70°C)
	p)	Density and/or relative density at 50°C:	PB 4.2 T data: $\ge 0.505 \text{ g/cm}^3$
			Charge: $0.845 - 0.865 \text{ g/cm}^3$ (at 15°C)
			(EN ISO 12185)
	q)	Relative vapour density:	not available
	r)	Particle characteristics:	not available
9.2.	Oth	er information	
		Calorific value:	informative value: 38000 kJ/kg (charge)

10.1. Reactivity	Dangerous reactivity not known.
10.2. Chemical stability	No decomposition if stored and handled properly.
10.3. Possibility of hazardous reactions	Formation of explosive gas/vapour/air mixture is possible.
10.4. Conditions to avoid	High temperature (over 50°C), ignition source, heat source, open flame, spark, direct sunlight, electrostatic charging.
10.5. Incompatible materials	Nitrates, strong oxidizers.
10.6. Hazardous decomposition products	No dangerous decomposition products are formed under normal conditions. Hazardous combustion products: See Section 5.

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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

Components: <i>Charge:</i> Oral: Dermal:	LD50 (rat) LD50 (rabb	vit)	> 2000 > 2000		
<i>PB 4.2 T data:</i> <i>Propane (CAS: 74-)</i> Inhalation:			1443	mg/L/4 h	(literature data)
Butane (CAS: 106-9 Inhalation:	· · ·		658	mg/L/4 h	(literature data)
<i>Isobutane (CAS: 75</i> Inhalation:	<i>-28-5):</i> LC ₅₀ (mou	se)	974	mg/L/4 h	
Skin corrosion/irrita Serious eye damage Respiratory or skin Germ cell mutageni Carcinogenicity: Reproductive toxici STOT-single expos STOT-repeated exp Aspiration hazard:	e/irritation: sensitisation: city: ty: ure:	Based on Based on Based on Based on Based on Based on	available da available da available da available da available da available da available da	tta, the classifier tta, the classifier	fication criteria are not met. fication criteria are not met.
Information on othe Endocrine disruptin		o data.			

SECTION 12: Ecological information

11.2.

12.1.	Toxicity		No data available for th	e product.
	Components: <i>PB 4.2 T data:</i> <i>Butane (CAS: 106-97-8):</i> Fish: Other aquatic organisms: Algae:	LC_{50} LC_{50} EC_{50}	24.11 mg/L 14.22 mg/L 7.71 mg/L/96 h	(literature data) (literature data) (literature data)

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile lubricant spray Version: 2 Previous Issue / Date of last revision Date of issue: 30. 06. 2020 Page: 10/(13) Date revision: 08. 09. 2023 (manufacturers): - / 13. 12. 2022 *Isobutane (CAS: 75-28-5):* Fish: LC_{50} 27.98 mg/L (literature data) Other aquatic organisms: LC_{50} 16.33 mg/L (literature data) Algae: EC₅₀ 89.57 mg/L/96 h (literature data) Propane (CAS: 74-98-6): 49.47 mg/L Fish: LC_{50} (literature data) Other aquatic organisms: LC_{50} 27.14 mg/L (literature data) EC50 11.89 mg/L/72 h (literature data) Algae: 12.2. Persistence and degradability Biodegradability: No data available for the product. Bioaccumulative potential No data available for the product. 12.3. *Propane (CAS: 74-98-6):* Log Kow: 1.09-2.8 (literature data) Butane (CAS: 106-97-8): Log Kow: 1.09-2.8 (literature data) Log Kow: 1.09-2.8 (literature data) Isobutane (CAS: 75-28-5:) 12.4. Mobility in soil Charge: Mineral oil floats on the surface of water, adsorbs into soil particles and loses its mobility. Mobility in water: Floats on water. 12.5. Results of PBT and vPvB assessment The criteria for PBT or vPvB substances are not met. 12.6. Endocrine disrupting properties No data. 12.7. Other adverse effects Environmental effects: Charge: Large spills may be hazardous to the environment. Spills may form a film on water surfaces causing impaired oxygen transfer. WGK 1 (Classification by AwSV) Water hazard class (German):

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:

Wastes of the product or used oil should be treated as hazardous waste.

Waste Identification Code: 16 05 04*

Gases in pressure containers (including halons) containing dangerous substances.

Disposal must be in compliance with national and local regulations.

Recommended waste treatment method: incineration

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Packaging disposal:

Containers with product residue should also be treated as hazardous waste according to national and local disposal regulations.

Waste Identification Code: 15 01 10*

Packaging containing residues of or contaminated by dangerous substances

Disposal must be in compliance with national and local regulations.

Wastewater:

Quality of wastewater emitted to natural water must comply with national and local regulations.

Care should be taken in any case to ensure compliance with EC, national and local regulations. It is the responsibility of the user to know all relevant national and local regulations.

SECTION 14: Transport information

14.1.	UN number or ID number	1950
14.2.	UN proper shipping name	AEROSOLS
14.3.	Transport hazard class(es)	2 (classification code: 5F)
14.4.	Packing group	-
14.5.	Environmental hazards	not dangerous for the environment
	Marine pollutant:	no
14.6.	Special precautions for user	
	Labels:	2.1
	Tunnel restriction code:	2 (D)
14.7.	Maritime transport in bulk according to IMO instruments	not applicable.

SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture This safety data sheet has been prepared according to Regulation (EC) No 1907/2006 (mod.: 2020/878/EU) and to Regulation (EC) 1272/2008. Seveso category: P3.a.
- 15.2. Chemical safety assessment. not available

Trade name:

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC

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SECT	ION 16:	Other information			
	The information of safety no f the proof the proof the manurer recommendation of the proof the manurer for the	mation is related only to the given physical and concerning the given physical and concerning the second struct of	his product and hemical parame e should not be c product specific not take respons ne product. It is t	ibility for any damages from he responsibility of the user t	ransport, handling ly for the purpose y specific property the use other than
	Classifica (CLP)	tion for mixtures and use	ed evaluation m	ethod according to regulation	n 1272/2008/EC
	Aerosol 1 Aerosol 1			thod (based on flammable co thod (based on flammable co	± /
	The full te	ext of each relevant Haza	rd classes and c	at. and H- phrase in Section	3.:
	H220	Extremely fla	mmable gas		
	H280			nay explode if heated.	
	H304	May be fatal i	f swallowed and	l enters airways.	
	Flam. Ga	s 1 Flammable ga	s Category 1		
	Press Gas	0			
	Asp. Tox		zard Category 1		
	Legend:				
	ADN	European Agreement Waterways	concerning the Inte	rnational Carriage of Dangerous C	boods by Inland
	ADR	European Agreement		rnational Carriage of Dangerous G	boods by Road
	ATE	Acute Toxicity Estima			
	BCF BOD	Bioconcentration Fact Biological Oxygen De			
L					

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



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1-16Revision modification according to 2020/878/EU.Full revision due to composition change.		08. 09. 2023	2
Section	Subject of change	Date	Version
evision Ind	icators:		
vPvB	Very Persistent and very Bio-accumulative		
VOC	Volatile organic compounds	-	-
UVCE		ex reaction products or bio	logical materi
SVHC		Sangerous Goods by Rall	
RID	Regulations concerning the International Carriage of I		
REAC		n of Chemicals	
PBT PNEC	Persistent Bioaccumulative and Toxic Predicted No-Effect Concentration		
OECE		ment	
NOAI		4	
NLP	No-Longer Polymer		
NOEL			
NOEC			
LOEL			
LOEC			
LOAE			
LOAE			
LCx LDx	Lethal Concentration x% Lethal Dose x%		
IMDO L Cr	8		
IATA	International Air Transport Association		
IARC	International Agency for Research on Cancer		
ES	Exposure Scenario		
ErC50			
ELIN	1		
Edx	Effective Dose x%		
Ecx	Effective Concentration x%		
ECHA			
DNEL			
DMEI			
CSR	Chemical Safety Report		
COD	Chemical Safety Assessment		
CMR COD	Carcinogenic, Mutagenic or toxic to Reproduction Chemical Oxygen Demand		
CLP	Classification, Labelling and Packaging (1272/2008/E	C)	
CAS	Chemical Abstracts Service		
C&L	Classification and Labelling		
C 0-1	Body Weight Classification and Labelling		