

# Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Spray for maintenance and care

Metabo no: 80911018691

Version / Language: 1.1 / EN

Page 1 of 15

Date: 17.12.2021



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

### 1.1 Product identifier

Product form: Mixture  
Trade name: Metabo Spray for maintenance and care  
UFI code: ESXF-U5C4-3H71-XFXN  
Product code: 148  
Product type: Lubricant  
Product group: Mixture  
Atomiser: Aerosol

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

#### Relevant identified uses

Commercial use, consumer use

#### Uses advised against

None

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

Metabowerke GmbH  
Metabo Alley 1  
D-72622 Nürtingen  
Phone: +49 (0) 7022 - 72 0  
Fax: +49 (0) 7022 - 72 2595  
Web: <https://www.metabo.com>  
E-mail: [product-compliance@metabo.de](mailto:product-compliance@metabo.de)

### 1.4 Emergency number

GBK GmbH (24 h): +49 (0)6132-84463

## SECTION 2: Possible dangers

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 [CLP].**

Aerosol, category 1

**Harmful physico-chemical effects and adverse effects on human health and the environment**

Pressurised container: May burst if heated. Extremely flammable aerosol.

# Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)



Trade name: Spray for maintenance and care

Metabo no: 80911018691

Version / Language: 1.1 / EN

Page 2 of 15

Date: 17.12.2021

## 2.2 Labelling elements

Labelling in accordance with Regulation (EC) No 1272/2008 [CLP].

Hazard pictograms:



GHS02

**Signal word:** Danger

### Hazard warnings

H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

### Safety instructions

P102 - Keep out of the reach of children.

P210 - Keep away from sparks, heat, hot surfaces, open flames. Do not smoke.

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 and do not expose to temperatures exceeding 50 °C/122 °F. P501

- Dispose of contents/container to a hazardous or special waste collection point in accordance with local, regional, national and/or international regulations.

### Additional sets, additional labelling

Formation of explosive mixtures possible without adequate ventilation.

### Supplementary hazard features

None

### Childproof lock

Not applicable

### Tactile hazard warning

Not applicable

## 2.3 Other hazards

This substance/mixture does not meet the PBT criteria of REACH, Annex XIII.

This substance/mixture does not meet the vPvB criteria of REACH, Annex XIII.

The mixture does not contain substances listed for endocrine disrupting properties in accordance with REACH Article 59(1) or has been determined not to have endocrine disrupting properties in accordance with the criteria set out in Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

# Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Spray for maintenance and care

Metabo no: 80911018691

Version / Language: 1.1 / EN

Page 3 of 15

Date: 17.12.2021



## SECTION 3: Composition / information on ingredients

### 3.1 Fabrics

Not applicable

### 3.2 Mixtures

#### Hazardous ingredients

Substance name	Product identifier	Concentration [%]	Classification according to Regulation (EC) No 1272 [CLP].
Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	(EC No.) 918-481-9 (EC Index No.) 649-327-00-6 (REACH-No) 01-2119457273-39	25 - 35	Asp. Tox. 1, H304
Dimethylpolysiloxane	(CAS No.) 63148-62-9	5 - 15	Flam. Liq. 3, H226 Aquatic Chronic 4, H413

#### Additional hints

Product is subject to CLP Article 1.1.3.7. The disclosure rules of the components are amended in this case.

For the wording of the listed hazard statements, see section 16.

Occupational exposure limits, where available, are given in section 8.

## SECTION 4: First aid measures

### 4.1 Description of the first aid measures

#### In case of eye contact

Rinse eyes with water as a precaution.

#### Inhalation

Remove the person to fresh air and ensure unobstructed breathing.

#### In case of skin contact

Wash skin with plenty of water.

#### In case of ingestion

If you feel unwell, call the Poison Control Centre or a doctor.

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

#### Signs / symptoms of overexposure

No further information.

### 4.3 Indications for immediate medical help or special treatment

#### Notes for the doctor

Treat symptomatically.

# Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Spray for maintenance and care

Metabo no: 80911018691

Version / Language: 1.1 / EN

Page 4 of 15

Date: 17.12.2021



## SECTION 5: Fire fighting measures

### 5.1 Extinguishing agent

#### Suitable extinguishing agents

Water spray. Dry powder. Foam. Carbon dioxide.

#### Unsuitable extinguishing agents

No information.

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

#### Hazards arising from the substance or mixture

Fire hazard: Extremely flammable aerosol.

Explosion hazard: Pressurised container: May burst if heated.

#### Hazardous combustion products

Possible release of toxic fumes.

### 5.3 Advice for firefighters

#### Special protective equipment for fire fighting

Do not attempt to work without suitable protective equipment. Ambient air self-contained breathing apparatus. Full protective clothing.

## SECTION 6: Accidental release measures

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

Emergency measures: Ventilate contaminated area. No naked flames, no sparks and no smoking.

Protective equipment: Do not attempt to work without suitable protective equipment.

Further information: See section 8 "Exposure controls/personal protective equipment".

### 6.2 Environmental protection measures

Avoid release into the environment.

### 6.3 Methods and material for retention and cleaning

Cleaning procedure: Pick up the product mechanically.

Other information: Dispose of substances or residues in solid form to an approved facility.

### 6.4 Reference to other sections

For further information on disposal, see section 13.

See section 13 for further details on waste treatment

# Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Spray for maintenance and care

Metabo no: 80911018691

Version / Language: 1.1 / EN

Page 5 of 15

Date: 17.12.2021



## SECTION 7: Handling and storage

The information in this section contains general advice and guidance

### 7.1 Protective measures for safe handling

#### Protective measures:

Ensure good ventilation of the workplace. Wear personal protective equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not smoke. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.

#### Hygiene measures:

Do not eat, drink or smoke when using. Always wash hands after handling the product.

### 7.2 Conditions for safe storage taking into account incompatibilities

Protect from sunlight. Do not expose to temperatures above 50 °C/122 °F. Store in a well-ventilated place. Keep cool.

### 7.3 Specific end uses

#### Recommendations

No further information available.

## SECTION 8: Exposure controls / Personal protective equipment

The information in this section contains general advice and guidance. Information provided is based on typical anticipated uses of the product. Additional measures may be required for handling large quantities or other uses that may significantly increase worker exposure or release to the environment.

### 8.1 Parameters to be monitored

#### Occupational exposure limit values

<b>Butane (CAS: 106-97-8)</b>	
AGW (OEL TWA) [1]	2400 mg/m <sup>3</sup>
AGW (OEL TWA) [2]	1000 ppm
Exceedance factor of the peak limitation	4(II)
Note	DFG - Senate Commission for the Examination of Harmful Substances of the DFG (MAK Commission)
Legal reference	TRGS900
<b>Propane (CAS: 74-98-6)</b>	
AGW (OEL TWA) [1]	1800 mg/m <sup>3</sup>
AGW (OEL TWA) [2]	1000 ppm
Exceedance factor of the peak limitation	4(II)
Note	DFG - Senate Commission for the Examination of Harmful Substances of the DFG (MAK Commission)
Legal reference	TRGS900

# Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Spray for maintenance and care

Metabo no: 80911018691

Version / Language: 1.1 / EN

Page 6 of 15

Date: 17.12.2021



## DNEL / PNEC values

No further information available

## 8.2 Exposure controls and monitoring

### Suitable technical control devices

Ensure good ventilation of the workplace.

### Personal protective equipment



Use eye protection

### Eye / face protection

Tightly sealed safety goggles

### Skin protection

Wear suitable protective clothing when working

### Breathing protection

In case of insufficient ventilation wear suitable respiratory equipment

### Limitation and monitoring of environmental exposure

Avoid release into the environment.

# Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Spray for maintenance and care

Metabo no: 80911018691

Version / Language: 1.1 / EN

Page 7 of 15

Date: 17.12.2021



## SECTION 9: Physical and chemical properties

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

#### Appearance

Physical state:	Liquid
Colour:	Not available
Odour:	Not available
Odour threshold:	Not available
pH value:	Not available
Melting point / freezing point:	Not applicable
Initial boiling point and boiling range:	Not available
Flash point:	Not available
Ignition temperature:	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Relative density:	Not available
Density:	Not available
Solubility(ies):	Not available
Partition coefficient n:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available
Solvent content (% by weight)	Not available
Evaporation number	Not available

### 9.2 Other information

Flammable components:	100 %
VOC content:	59 %

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No dangerous reactions are known under normal conditions of use.

### 10.4 Conditions to avoid

Avoid contact with hot surfaces. Heat. No naked flames, no sparks. Remove all sources of ignition.

### 10.5 Incompatible materials

No further information available

### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, no hazardous decomposition products should be formed.

# Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Spray for maintenance and care

Metabo no: 80911018691

Version / Language: 1.1 / EN

Page 8 of 15

Date: 17.12.2021



## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Name of the product / ingredient	Exposure route	Dose
Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	LD50 Dermal Rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
	LD50 dermal rabbit	≥ 3160 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
	LC50 Inhalation - rat (Dust/Fog)	> 5610 mg/l

#### Inhale

Not classified

#### Ingestion

Not classified

#### Skin contact

Not classified

#### Corrosive/irritant effect on the skin

Not classified

#### Severe eye damage / irritation

Not classified

#### Sensitisation of the respiratory tract / skin:

Not classified

#### Germ cell mutagenicity

Not classified

#### Carcinogenicity

Not classified

#### Reproductive toxicity

Not classified

#### Specific target organ toxicity at single exposure:

Not classified

#### Specific target organ toxicity in case of repeated exposure

Not classified

#### Aspiration hazard

Not classified

#### Information on other hazards

No further information available



# Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Spray for maintenance and care

Metabo no: 80911018691

Version / Language: 1.1 / EN

Page 9 of 15

Date: 17.12.2021



## SECTION 12: Environmental information

### 12.1 Toxicity

Ecology - General:

The product is not considered harmful to aquatic organisms nor does it cause long-term damage to the environment.

Hazardous to the aquatic environment, short-term (acute):

Not classified

Harmful to the aquatic environment, long-term (chronic): Not classified.

Name of the product / ingredient	Exposure route	Dose
Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	LC50 - fish [1]	> 1000 mg/l
	EC50 - Other aquatic organisms [1]	> 1000 mg/l waterflea
	EC50 - Other aquatic organisms [2]	> 1000 mg/l

### 12.2 Persistence and degradability

No further information available.

### 12.3 Bioaccumulative potential

No further information available.

### 12.4 Mobility in soil

No further information available.

### 12.5 Result of the PBT and vPvB assessment

No further information available.

### 12.6 Endocrine disrupting properties

No further information available.

### 12.7 Other adverse effects

No further information available.

## SECTION 13: Handling and storage

The information in this section provides general advice and guidance. The list of identified uses in section 1 should be consulted for any application-specific information in the exposure scenario(s).

### 13.1 Waste treatment process

Dispose of contents/container in accordance with the approved collector's sorting instructions.

# Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Spray for maintenance and care

Metabo no: 80911018691

Version / Language: 1.1 / EN

Page 10 of 15

Date: 17.12.2021



## SECTION 14: Transport information

According to ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1 UN number or ID number</b>				
UN 1950	UN 1950	UN 1950	UN 1950	UN 1950
<b>14.2 UN proper shipping name</b>				
Pressurised gas packs	Pressurised gas packs	Pressurised gas packs	Pressurised gas packs	Pressurised gas packs
Entry in the transport document				
UN 1950 AEROSOL DISPENSERS, 2.1, (D)	UN 1950 PRESSURISED GAS PACKAGES, 2.1	UN 1950 Aerosols, flammable, 2.1	UN 1950 PRESSURISED GAS PACKAGES, 2.1	UN 1950 PRESSURISED GAS PACKAGES, 2.1
<b>14.3 Transport hazard classes</b>				
2.1	2.1	2.1	2.1	2.1
<b>14.4 Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5 Environmental hazards</b>				
Environmentally hazardous: No	Environmentally hazardous: No Marine pollutant: No	Environmentally hazardous: No	Environmentally hazardous: No	Environmentally hazardous: No
No additional information available.				

## 14.6 Special precautions for the user

<b>Land transport</b>	
Classification code (ADR)	5F
Special regulations (ADR)	190, 327, 344, 625
Limited quantities (ADR)	1L
Exempted quantities (ADR)	E0
Packaging instructions (ADR)	P207, LP200
Special provisions for packaging (ADR)	PP87, RR6, L2

# Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)



Trade name: Spray for maintenance and care

Metabo no: 80911018691

Version / Language: 1.1 / EN

Page 11 of 15

Date: 17.12.2021

Special provisions for mixed packing (ADR)	MP9
Transport category (ADR)	2
Special provisions for carriage - packages (ADR)	V14
Special provisions for carriage - Loading, unloading, handling (ADR)	CV9, CV12
Special provisions for transport - Operation (ADR)	S2
Tunnel restriction code (ADR)	D
<b>Maritime transport</b>	
Special provision (IMDG)	63, 190, 277, 327, 344, 381, 959
Packing instructions (IMDG)	P207, LP200
Special regulations for packaging (IMDG)	PP87, L2
EmS-No. (Fire)	F-D
EmS-No. (Accidental Release)	S-U
Stowage category (IMDG)	None
Stowage and handling (IMDG)	SW1, SW22
Segregation (IMDG)	SG69
<b>Air transport</b>	
PCA exempted quantities (IATA)	E0
PCA limited quantities (IATA)	Y203
PCA limited max. net quantity (IATA)	30kgG
PCA Packing Instructions (IATA)	203
PCA Max. Net quantity (IATA)	75kg
CAO Packing Instructions (IATA)	203
CAO Max. Net quantity (IATA)	150kg
Special regulations (IATA)	A145, A167, A802
ERG Code (IATA)	10L
<b>Inland waterway transport</b>	
Classification code (ADN)	5F
Special regulations (ADN)	190, 327, 344, 625
Limited quantities (ADN)	1 L
Excepted quantities (ADN)	E0
Equipment required (ADN)	PP, EX, A
Ventilation (ADN)	VE01, VE04

# Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)



Trade name: Spray for maintenance and care

Metabo no: 80911018691

Version / Language: 1.1 / EN

Page 12 of 15

Date: 17.12.2021

Number of blue cones/lights (ADN)	1
<b>Rail transport</b>	
Classification code (RID)	5F
Special provision (RID)	190, 327, 344, 625
Limited quantities (RID)	1L
Excepted quantities (RID)	E0
Packing instructions (RID)	P207, LP200
Special provisions for packaging (RID)	PP87, RR6, L2
Special provisions for mixed packing (RID)	MP9
Transport category (RID)	2
Special conditions of carriage - Packages (RID)	W14
Special provisions for carriage - loading, unloading and handling (RID)	CW9, CW12
Express goods (RID)	CE2
Hazard identification number (RID)	23

## 14.7 Carriage in bulk by sea in accordance with IMO instruments.

Not applicable

## SECTION 15: Legislation

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

#### EC Regulation (EC) No 1907/2006 (REACH)

##### Annex XIV- List of substances subject to authorisation

No restrictions.

##### Substances of very high concern

No restrictions.

##### Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

No restrictions.

##### Restrictions on manufacture, placing on the market and use

No restrictions.

# Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)



Trade name: Spray for maintenance and care

Metabo no: 80911018691

Version / Language: 1.1 / EN

Page 13 of 15

Date: 17.12.2021

## Other EU provisions

### Industrial emissions (integrated pollution prevention and control) - Air

No restrictions.

### Industrial emissions (integrated pollution prevention and control) - Water substances

No restrictions.

### Ozone-depletable substances (1005/2009/EU)

No restrictions.

### Prior Informed Consent (PIC) (649/2012/EU)

No restrictions.

### Storage class (TRGS 510)

No restrictions.

### Water hazard class

No restrictions.

### Prior Informed Consent (PIC) (649/2012/EU)

No restrictions.

## 15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out

## SECTION 16: Other notes

### 16.1 Notes on changes

None.

### 16.2 Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute toxicity estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
CAS no.	Chemical Abstract Service - Number
CLP	Regulation on classification, labelling and packaging [Regulation (EC) No 1272/2008].
COD	Chemical oxygen demand (COD)
DMEL	Derived exposure level with minimal impairment
DNEL	Derived exposure level without impairment
EC50	Medium effective concentration

# Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)



Trade name: Spray for maintenance and care

Metabo no: 80911018691

Version / Language: 1.1 / EN

Page 14 of 15

Date: 17.12.2021

ED	Endocrine disrupting properties
EC no.	European Community Number
EN	European Standard
EUH rate	CLP-specific hazard statement
GHS	Globally Harmonized System of Classification and Labeling of Chemicals
IARC	International Agency for Cancer Research
IATA	Association for International Air Transport
IMDG	Dangerous goods regulations for international maritime transport
LC50	Concentration lethal for 50 % of a test population
LD50	For 50 % of a test population lethal dose (median lethal dose)
LOAEL	Lowest dose with observable adverse effect
N.A.G.	Not mentioned elsewhere
NOAEC	Concentration without observable harmful effect
NOAEL	Dose without observable adverse effect
NOEC	Highest tested concentration without observed harmful effect
OECD	Organisation for Economic Cooperation and Development
OEL	Occupational exposure limit
PBT	Persistent, bioaccumulative and toxic substance
PNEC	Estimated non-effect concentration
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
MSDS	Safety data sheet
STP	Sewage treatment plant
ThSB	Theoretical oxygen demand (ThOD)
TLM	Median tolerance limit
TLV-STEL	Threshold limit value- short-time exposure limit
TLV-TWA	Threshold limit value- time-weighted average
TRGS	Technical rules for hazardous substances
VOC	Volatile organic compounds
vPvB	Very persistent and very bioaccumulative

# Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Spray for maintenance and care

Metabo no: 80911018691

Version / Language: 1.1 / EN

Page 15 of 15

Date: 17.12.2021



## 16.3 Important literature references and data sources

No information.

## 16.4 Classification of mixtures and assessment method used according to Regulation (EC) No 1207/2008 [CLP].

No information.

## 16.5 Wording of H and EUH phrases (number and full text)

Aerosol 1	Aerosol, category 1
Aquatic Chronic 4	Chronically hazardous to the aquatic environment, category 4
Asp. Tox. 1	Aspiration hazard, category 1
Flam. Liq. 3	Flammable liquids, category 3
H222	Extremely flammable aerosol.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H413	May be harmful to aquatic organisms, with long lasting effects.

## 16.6 Full text of the classifications [CLP/GHS].

No information.

## Note for the reader

To the best of our knowledge, the information contained herein is correct. However, neither the above-mentioned manufacturer nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.