

SAFETY DATA SHEET
IN ACCORDANCE WITH REGULATION (EC) 1907/2006 (REACH)
Super7 Multi lubricant

Preparing date: 26 April 2024

Version: 1

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

1.1 Product identifier: Super7 Multi lubricant

UFI: J67J-UQSE-DSKH-FXCR

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

Identified uses: Lubricant for lubrication, protection, corrosion prevention and rust removal of metal surfaces.
For industrial, consumer and professional use.

Uses advised against: Other than above.

1.3 Details of the supplier of the safety data sheet:

Distributor:

Email address for a competent person responsible for the safety data sheet:

1.4 Emergency telephone number:

Health Toxicological Information Service, Hungary:
06 1 476 6464 (available day and night)

SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture:
in accordance with Regulation (EC) No 1272/2008 (CLP)**

Aerosols, Category 1

H222 Extremely flammable aerosol

H229 Pressurised container: May burst if heated.

Specific target organ toxicity – single exposure, Category 3 H336 May cause drowsiness or dizziness

2.2 Label elements:

Composition: 50% Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cycloalkanes, <2% aromatic; 50% Propane/Butane/Isobutane



Danger



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Hazard Statement(s):

H222 Extremely flammable aerosol
H229 Pressurised container: May burst if heated.
H336 May cause drowsiness or dizziness.

Additional hazard information: EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary Statement(s):

P102 Keep out of reach of children.
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.
P251 Do not pierce or burn, even after use.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents/container to: as hazardous waste in accordance with local/regional/national/international regulation.

Remark:

The provisions of the Regulation 34/2014. (X. 30.) NGM (on the requirements for the distribution of aerosol products and aerosol packaging) must also be followed when packaging/labelling an aerosol product.

2.3 Other hazards:

One of the product's components creates a film on the surface of the water and hinders oxygen exchange.

The product does not contain PBT or vPvB substances.

SECTION 3: Composition/information on ingredients**3.2 Mixtures:**

Identifier	CAS Number	EC Number	Index Number/REACH Registration Number	Concentration by weight	Classification in accordance with Regulation (EC) No 1272/2008
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (WD40® multi-functional product)	-	919-857-5	-/ 01-2119463258-33	50 %	* Flam. Liq. 3 H226 Asp. Tox. 1 H304 STOT SE 3 H336 EUH066

Propane	74-98-6	200-827-9	601-003-00-5/ 01-2119486944- 21	approx. 50 %	Flam. Gas 1 H220 Press. Gas
Butane	106-97-8	203-448-7	601-004-00-0/ 01-2119474691- 32		Flam. Gas 1 H220 Press. Gas
Isobutane	75-28-5	200-857-2	601-004-00-0/ 01-2119485395- 27		Flam. Gas 1 H220 Press. Gas

* Classification given by the manufacturer.

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

SECTION 4: First aid measures

4.1 Description of first aid measures:

Inhalation:

In case of inhalation of spray, the person must be taken to fresh air and placed in a resting position so that they can breathe easily.

In case of coughing or breathing difficulties, call a doctor immediately.

Skin contact:

In case of skin contact, remove contaminated clothing and wash the contaminated skin with lukewarm water and soap. In case of complaints, consult a doctor.

Eye contact:

Rinse the eyes - for at least 10-15 minutes - with plenty of running water, pulling the edges of the eyelids apart. Remove the contact lens, if present, and if it can be easily solved. Continue rinsing. Consult a doctor in case of complaints or irritation.

Ingestion:

Unlikely to be swallowed (aerosol). If the aerosol accidentally gets into the mouth or is swallowed, do not induce vomiting, call a doctor immediately.

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

Propellant data:

Propellant gas in higher concentrations can cause suffocation and lack of oxygen.

Data of the WD40® multi-functional product:

May cause eye irritation. In case of inhalation: headache, nausea, dizziness, irritation and collapse of the central nervous system may occur. If swallowed, there is an aspiration hazard and a risk of chemical pneumonitis. Symptoms of poisoning may appear delayed/after several hours.

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

Show the safety data sheet/label to the doctor.

SECTION 5: Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Extinguishing foam, extinguishing powder, carbon dioxide, water spray.

Inappropriate extinguishing media: Strong water jet (can only be used for cooling tanks).



5.2 Special hazards arising from the substance or mixture:

Extremely flammable aerosol. There is overpressure in the vessel: it may crack due to heat. The gas can form an explosive mixture with air.

The heat of the flames can cause a rapid increase in pressure inside the aerosol bottles, which can explode as a result. In the event of a fire, smoke and other combustion products (carbon oxides, toxic pyrolysis products) may be produced, and inhalation of these can seriously harm health.

5.3 Advice for firefighters:

Evacuate the area.

Extinguishing is carried out from a safe distance or from a protected place.

Avoid breathing dangerous vapours and toxic decomposition products.

The best way to extinguish fires involving flammable vapours is to eliminate the gas release before extinguishing. Due to the aerosol form of the product, large-scale emissions are unlikely.

Move people and non-flammable materials to a safe place.

Full protective clothing and a respirator isolated from outside air should be used.

Cool the containers in the endangered area with a water spray.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures:**

Only designated, trained, emergency care personnel participating in the rescue should stay in the endangered area, remove unauthorized persons.

Remove all ignition sources and open flames.

Follow the hygiene and safety regulations. Avoid contact of the product with the skin or eyes.

Do not inhale product vapour/spray.

Complete protective clothing in accordance with the regulations and a breathing apparatus independent of external air must be used.

Spilling of the product can be a slip hazard.

6.2 Environmental precautions:

It is forbidden to release it into the environment, sewers, soil, groundwater or living waters (extremely flammable aerosol, can cause an explosion if it gets into the sewer network).

All ignition sources and open flames must be closed/removed if this can be done without danger. In the event of entry into the environment, waters, or public sewers, the regionally competent authorities and operators must be notified immediately.

It is unlikely to escape in large quantities (aerosol bottle).

6.3 Methods and material for containment and cleaning up:

Stop the leak if it is safe to do so.

The endangered area must be closed, unauthorized persons are prohibited from entering.

The spilled material must be picked up with a non-combustible absorbent material (e.g. dry earth, sand) and placed in a closed container until transport. Use only non-sparking devices.

6.4 Reference to other sections:

See Section 8 for information on personal protective equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling:**

It can be used outdoors or in a well-ventilated room. The accumulation of the spray in the air must be avoided. Keep away from ignition sources, smoking is prohibited.

The required safety and hygiene measures must be observed. Avoid getting the product in the eyes and skin, and inhaling the aerosol.

Do not eat or drink during use.

Personal protection must be used. Contaminated clothing must be removed and cleaned before reuse. Hand washing with soap and running water is required during work breaks and after work.

Fire and explosion protection: extremely flammable aerosol. Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition. No smoking.

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

There is overpressure in the vessel: it may crack due to heat.

Follow the precautions for pressurized containers.

Pressure vessel: do not puncture or burn, even after use.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated, cool, dry place at a temperature below 35 °C.

Keep away from children. To be stored separately from food.

Do not use a rag that was previously used for cleaning. Don't put a dirty rag in your pocket.

Do not store together with strong acids and oxidizing agents.

7.3 Specific end use(s): Lubricant for lubrication, protection, corrosion prevention and rust removal of metal surfaces. For industrial, consumer and professional use.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters:**

The permitted average concentrations and permitted peak concentrations of dangerous substances in the air at the workplace and their characteristic properties according to Decree No. 5/2020 (II. 6.) ITM on the Protection of the Health and Safety of Workers from the Risks Related to Chemical Pathological Factors (Hungary):

Substance	CAS Number	ÁK-value mg/m ³	CK-value mg/m ³	Characteristics	Reference	ÁK correction group
n-BUTANE	106-97-8	2350	9400	-	-	N

N Irritants, simple asphyxiants, low health hazards. Correction is NOT necessary.

ÁK-value Permitted average concentration.

CK-value Permitted peak concentration.

CAS number Chemical Abstracts Service registration number used to identify chemical substances.

DNEL values:*WD40® multifunctional product:*

Oral exposure, User, Long-term (chronic): 300 mg/kg/d

Dermal exposure, User, Long-term (chronic): 300 mg/kg/d

Dermal exposure, Worker, Long-term (chronic): 300 mg/kg/d

Inhalative exposure, User, Long-term (chronic): 900 mg/m³Inhalative exposure, Worker, Long-term (chronic): 900 mg/m³**PNEC values:** no data.**8.2 Exposure controls:**

Pursuant to Section 11 (2) of the Regulation 5/2020. (II. 6.) ITM, in the case of a hazardous substance not regulated by a limit value, the employer is obliged to reduce the level of exposure to the lowest level expected according to scientific and technical standards, at which level, according to the current state of science, the hazardous substance has no health-damaging effect.

When handling chemicals, the usual precautions, safety rules for pressure cylinders and hygiene regulations must be observed.

You must not eat or drink while working. No smoking! Avoid contact of the product with the skin or eyes. The aerosol should not be inhaled.

Contaminated protective clothing must be removed and cleaned before reuse.

During work breaks and after work, as well as before meals, hand washing with soap and water is required. See also Sections 6-7.

Appropriate engineering controls:

Can be used with adequate ventilation.

Individual protection measures, such as personal protective equipment:**Eye/face protection:**

If there is a risk of contact with the eyes, safety glasses with side protection or a face shield must be used according to the regulations (EN 166).

Body protection:

Long-sleeved protective clothing and safety footwear must be used according to the regulations.

Hand protection:

Use protective gloves that comply with the regulations (EN 374).

Suitable glove material: Nitrile rubber.

Respiratory protection:

In case of exceeding the workplace exposure limits, a respirator with an "A/P1" (EN 141) or "A2/P2-3" (EN 14387) type filter must be used.

Environmental exposure controls:

Do not discharge into sewers, living water or the environment.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties:**

- | | | |
|----|------------------|--------------------|
| a) | Physical state: | Aerosol |
| b) | Colour: | Light amber |
| c) | Odour: | Characteristic |
| | Odour threshold: | No data available. |



- | | | |
|----|---|---|
| d) | Melting point/freezing point: | <-66 °C (WD40® multi-purpose product, ASTM D97)
- 187.6 – -138.3 °C (propellant gas) |
| e) | Boiling point or initial boiling point and boiling range: | 176°C (760Hgmm, WD40® multi-functional product)
-104 – -60 °C (propellant gas) |
| f) | Flammability: | Highly flammable aerosol. |
| g) | Lower and upper explosion limit: | 0.6-8.0 vol. % (WD40® multi-functional product) |
| h) | Flash point: | -16 °C (WD40® multifunctional product) |
| i) | Auto-ignition temperature: | 287-537 °C (propellant gas) |
| j) | Decomposition temperature: | No data available. |
| k) | pH: | Not applicable. |
| l) | Kinematic viscosity: | < 1 cSt (WD40® multifunctional product). |
| m) | Solubility: | Insoluble in water.
24.4-60.4 mg/l (propellant gas) |
| n) | Partition coefficient n-octanol/water (log value): | No data available. |
| o) | Vapour pressure: | ≤ 1600 kPa (70 °C, propellant gas) |
| p) | Density and/or relative density: | Density: 0.817 g/cm ³ (multifunctional product)
≥ 0.505 g/cm ³ (50 °C, propellant) |
| q) | Relative vapour density: | No data available. |
| r) | Particle characteristics | No data available. |

9.2 Other information:

- Explosiveness: see other information
5-15 tf. % (propellant gas, literature data)
- Density: 0.817 g/cm³ (multifunctional product)
≥ 0.505 g/cm³ (50 °C, propellant)
- VOC (2010/75/EU): 67.2 %

SECTION 10: Stability and reactivity

10.1 Reactivity: No reactivity known.

10.2 Chemical stability: Stable under normal conditions.

10.3 Possibility of hazardous reactions: No dangerous reactions are known.

10.4 Conditions to avoid: Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition. No smoking.

Pressurized container. Do not open, knock or pierce. Do not expose to heat exceeding 50 °C. Do not expose to sunlight or radiant heat. Do not pierce or throw into fire, even after use. Do not spray on an open flame or other ignition source. Do not refill the bottle.

10.5 Incompatible materials: Strong oxidizers.

Propellant data:

In contact with nitrates and other oxidizing agents (e.g. chlorates, perchlorates, liquid oxygen) explosive mixtures can be formed.

10.6. Hazardous decomposition products: In case of fire, toxic gases (carbon oxides, toxic pyrolysis products) may be released.



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.
- 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.

Acute toxicity:

Toxicological data on the mixture are not available.

Information on ingredients:**Data of the WD40® multi-functional product:**

LD50 (oral, rat): > 5000 mg/kg

LD50 (dermal, rat): > 5000 mg/kg

LC50 (inhalative): > 5000 mg/m³/8h

Ingestion: Vomiting, diarrhea, nausea, aspiration hazard, chemical pneumonia.

Inhalation: Headache, nausea, dizziness, respiratory tract irritation. It can have a harmful effect on the central nervous system.

Skin contact: Long-term exposure may cause skin dryness and cracking.

Propellant data:**Propane:**

Inhalation (rat): 1443 mg/l (literature data)

Butane:

Inhalation (rat): 658 mg/l (literature data)

Isobutane:

Inhalation (mouse): 974 mg/l (literature data)

Skin corrosion/irritation:

Not irritating.

Serious eye damage/eye irritation:

Not irritating.

Respiratory or skin sensitization:

It is not toxic, but can have a suffocating effect (lack of oxygen).

Inhalation of high concentrations can have a narcotic effect.

STOT-single exposure:

It can cause drowsiness and dizziness.

Aspiration hazard:

Ingestion of the product is unlikely.

11.2 Information on other hazards:

Information on likely routes of exposure:

Inhalation, skin contact, eye contact.

Propellant data:

Propellant gas in higher concentrations can cause suffocation and lack of oxygen.

Data of the WD40® multi-functional product:

May cause eye irritation. In case of inhalation: headache, nausea, dizziness, irritation and collapse of the central nervous system may occur. If swallowed, there is an aspiration hazard and a risk of chemical pneumonitis. Symptoms of poisoning may appear delayed/after several hours.

SECTION 12: Ecological information**12.1 Toxicity:** Based on the available data, it does not meet the classification criteria.

Do not allow the product to enter water, sewers or the soil.

Information on ingredients:

Data for WD40® Multi-Purpose Product:

LC50 (Oncorhynchus mykiss): > 1000 mg/l/96h (OECD 203)

NOELR (Oncorhynchus mykiss): 0,13 mg/l/28d (QSAR)

EC50 (Daphnia magna): > 1000 mg/l/48h (OECD 202)

NOELR (Daphnia magna): 0,23 mg/l/21d (QSAR)

ErC50 (Pseudokirchneriella subcapitata): > 1000 mg/l/72h (OECD 201)

EbC50 (Pseudokirchneriella subcapitata): > 1000 mg/l/72h (OECD 201)

NOELR (Paphidocelis subcapitata): 100 mg/l/72h

NOECR (Pseudokirchneriella subcapitata): 3 mg/l/72h

Propellant data:

Propane:

LC50 (fish): 49,47 mg/l (literature data)

LC50 (other aquatic organisms): 27,14 mg/l (literature data)

EC50 (algae): 11,89 mg/l/72h (literature data)

Butane:

LC50 (fish): 24,11 mg/l (literature data)

LC50 (other aquatic organisms): 14,22 mg/l (literature data)

EC50 (algae): 7,71 mg/l/96h (literature data)

Isobutane:

LC50 (fish): 27,89 mg/l (literature data)

LC50 (other aquatic organisms): 16,33 mg/l (literature data)

EC50 (algae): 89,57 mg/l/96h (literature data)

12.2 Persistence and degradability: No data is available for the product.

Information on ingredients:

Data for the WD40® multifunctional product: 80 % / 28 days (OECD 301 F)

12.3 Bioaccumulative potential: No data is available for the product.

Information on ingredients:

Propellant data:

Propane: ≤ 2.8 (literature data)

Butane: ≤ 2.8 (literature data)

Isobutane: ≤ 2.8 (literature data)

12.4 Mobility in soil: No data available.

- 12.5 Results of PBT and vPvB assessment:** The product does not contain PBT or vPvB substances.
- 12.6 Endocrine disrupting properties:** No data available.
- 12.7 Other adverse effects:** Mineral oil can be dangerous for the environment if large quantities are released, because it creates a film on the surface of the water and blocks the path of oxygen.

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

Residues of the product can be handled and disposed of in accordance with Act No. CLXXXV. of 2012, Governmental Decree No. 225/2015 (VIII. 7.), Decree No. 72/2013 (VIII. 27.) VM.

Hazardous waste. It cannot be treated together with municipal waste.

It must be disposed of in accordance with the relevant regulations.

Waste catalogue code:

16 05 04* gases containing dangerous substances stored in pressure-resistant containers (including halons)

*: hazardous waste

SECTION 14: Transport information

- 14.1 UN number or ID number:** UN 1950
- 14.2 UN proper shipping name:** AEROSOLS, flammable
- 14.3 Transport hazard class(es):**
ADR/RID:
Class: 2
Classification code: 5F
Labels: 2.1
Limited quantities: 1 L
Transport category (Tunnel restriction code): 2 (D)
- 14.4 Packing group:** None.
- 14.5 Environmental hazards:** No data are available.
- 14.6 Special precautions for user:** No data are available
- 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:**

Chemical safety:

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

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

Act No. XXV. of 2000 on Chemical Safety

Decree No. 44/2000 (XII.27.) EüM on the detailed rules for certain procedures and activities related to dangerous substances and dangerous preparations

Decree No. 34/2014. (X. 30.) NGM on the requirements for the distribution of aerosol products and aerosol packaging

Health and safety:

Decree No. 3/2002 (II.08.) SzCsM-EüM concerning the minimum safety and health requirements of workplaces

Act No. XCIII. of 1993 on occupational safety

Decree No. 65/1999 (XII. 22.) EüM on the minimal safety and health protection requirements regarding the utilization of individual protection tools by workers at the workplaces

Decree No. 5/2020 (II. 6.) ITM on the Protection of the Health and Safety of Workers from the Risks Related to Chemical Pathological Factors

Waste management:

Act No. CLXXXV. of 2012 on Waste

Governmental Decree No. 225/2015 (VIII. 7.) on detailed rules of certain activities related to hazardous waste.

Governmental Decree No. 442/2012 (XII. 29.) on packaging and on waste management activities related to packaging waste

Decree No. 72/2013 (VIII. 27.) VM concerning the list of wastes

Transport:

Decree No. 61/2013 (X. 17.) NFM on the domestic application of Annexes A and B to the European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR)

15.2. Chemical safety assessment: The supplier has not carried out a chemical safety assessment.

SECTION 16: Other information

- a) This document is the first English version of the safety data sheet of the product of the same name. The English translation was based on version 2 of the Hungarian safety data sheet of the product dated 11 November 2022.

- b) Explanation of abbreviations and acronyms used in the safety data sheet:
CAS Number: A number used to identify the chemical substance (Chemical Abstracts Service).
PBT substances: Persistent, Bioaccumulative and Toxic substances.
vPvB substances: very Persistent and very Bio-accumulative substances.
LD50: The amount of a dose, given all at once, which causes the death of 50% of a group of test animals (Lethal Dose).
LC50: The amount of a concentration, given all at once, which causes the death of 50% of a group of test animals (Lethal Concentration).
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
IMO: International Maritime Organization.
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.
ICAO: International Civil Aviation Organization.
- c) The hazard classification was carried out by the supplier according to the 1272/2008/EC: Aerosols, category 1 - Based on test method (test data).
 Specific target organ toxicity – single exposure, category 3 - Based on calculation method.
- d) The full text of the H and EUH sentences in Section 3 of the safety data sheet:
- H220 Extremely flammable gas.
 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.
 H336 May cause drowsiness or dizziness.
- EUH066 Repeated exposure may cause skin dryness or cracking.

The safety data sheet has been prepared in accordance with the applicable EU and Hungarian legislation in force. It is limited to our current knowledge, does not guarantee the properties of the product and does not form the basis of any legal relationship.