

Safety data sheet according to UK REACH

Printing date: 19.01.2026

Revision: 19.01.2026

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

Product identifier**Trade name:** MULTI 500 - 520 ml & 270 ml**Article number:** 636000002 / 10032, 636000001 / 10031 - **UFI :** U6M5-F05H-M00A-APCS**Relevant identified uses of the substance or mixture and uses advised against -
Application of the substance / the mixture** Lubricant**Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

A.M.P.E.R.E. SYSTEM

3 rue Antoine Balard - Z.I. du Vert Galant

95310 Saint-Ouen-l'Aumône - FRANCE

Tel: + 33 1 34 64 72 72 / Fax: +33 1 30 37 55 17 - fds@amperesystem.com**Emergency telephone number:** UK : National Poisons Information Service - 0344 892 0111

Ireland : National Poisons Information Centre - Beaumont Hospital - PO Box 1297 Beaumont Road 9 Dublin :

+353 1 809 2566 (Healthcare professionals-24/7) - +353 1 809 2166 (public, 8am - 10pm, 7/7)

2 Hazards identification

Classification of the substance or mixture

GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS07

STOT SE 3 H336 May cause drowsiness or dizziness.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Label elements**GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

Hazard pictograms

GHS02 GHS07

Signal word Danger**Hazard-determining components of labelling:**

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H336 May cause drowsiness or dizziness.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

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.

P260 Do not breathe mist/vapours/spray.

(Contd. on page 2)

Safety data sheet

according to UK REACH

Printing date: 19.01.2026

Revision: 19.01.2026

MULTI 500 - 520 ml & 270 ml : 636000002 / 10032, 636000001 / 10031

(Contd. of page 1)

- P271 Use only outdoors or in a well-ventilated area.
 P280 Wear protective gloves / eye protection.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P312 Call a POISON CENTER/doctor if you feel unwell.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Additional information:**
 EUH066 Repeated exposure may cause skin dryness or cracking.
 - **Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable
 - **vPvB:** Not applicable

3 Composition/information on ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of active substance with propellant

- **Dangerous components:**

EC number: 919-857-5 Reg.nr.: 01-2119463258-33	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336	25-<50%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32	butane (containing < 0.1% butadiene (203-450-8), Note K) Flam. Gas 1A, H220; Press. Gas (Comp.), H280	10-<25%
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21	propane Flam. Gas 1A, H220; Press. Gas (Comp.), H280	10-<25%
CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27	isobutane (containing < 0,1 % butadiene (203-450-8), Note K) Flam. Gas 1A, H220; Press. Gas (Comp.), H280	1-<2.5%
CAS: 68608-26-4 EINECS: 271-781-5 Reg.nr.: 01-2119527859-22	Sulfonic acids, petroleum, sodium salts Eye Irrit. 2, H319	1-<2.5%

- **Additional information:**
 Aerosols and containers fitted with a solid atomizer containing substances or mixtures classified as hazardous by aspiration shall not be labelled for that hazard.
 The text of the hazard statements mentioned here can be found in chapter 16.

4 First aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
 No further relevant information available.

5 Firefighting measures

- **Suitable extinguishing agents:**
 Water haze
 Fire-extinguishing powder

(Contd. on page 3)

Safety data sheet

according to UK REACH

Printing date: 19.01.2026

Revision: 19.01.2026

MULTI 500 - 520 ml & 270 ml : 636000002 / 10032, 636000001 / 10031

(Contd. of page 2)

- Carbon dioxide
- Alcohol resistant foam
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Protective equipment:** Mount respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:**
Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Observe official regulations on storing packagings with pressurised containers.
- **Information about storage in one common storage facility:**
Observe official regulations on storing packagings with pressurised containers.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see section 7.

- **Ingredients with limit values that require monitoring at the workplace:**

106-97-8 butane (containing < 0.1% butadiene (203-450-8), Note K)

WEL	Short-term value: 1810 mg/m ³ , 750 ppm Long-term value: 1450 mg/m ³ , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
-----	---

74-98-6 propane

OEL	Long-term value: 1800 mg/m ³ , 1000 ppm Additioneel ingevuld tbv klant voor Hfdst3 SDS
-----	--

(Contd. on page 4)

Safety data sheet

according to UK REACH

Printing date: 19.01.2026

Revision: 19.01.2026

MULTI 500 - 520 ml & 270 ml : 636000002 / 10032, 636000001 / 10031

(Contd. of page 3)

75-28-5 isobutane (containing < 0,1 % butadiene (203-450-8), Note K)

OEL	Long-term value: 2400 mg/m ³ , 1000 ppm Additioneel ingevuld obv klant voor Hfdst 3 SDS
-----	---

- **Regulatory information** WEL: EH40/2020

- **DNELs**

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Oral	DNEL Long term-systemic	125 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	125 mg/kg bw/day (Consumer)
		208 mg/kg bw/day (Worker)
Inhalative	DNEL Long term-systemic	185 mg/m ³ (Consumer)
		871 mg/m ³ (Worker)

68608-26-4 Sulfonic acids, petroleum, sodium salts

Oral	DNEL Long term-systemic	0.833 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	1.667 mg/kg bw/day (Consumer)
		3.33 mg/kg bw/day (Worker)
Inhalative	DNEL Long term-systemic	0.33 mg/m ³ (Consumer)
		0.66 mg/m ³ (Worker)

- **Additional information:** The lists valid during the making were used as basis.

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

General ventilation

- **Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

Filter A2/P2

- **Protection of hands:**

Wear gloves for the protection against chemicals according to EN 374



Protective gloves

Solvent resistant gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.5 mm

- **Penetration time of glove material**

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

- **Eye protection:**

Safety glasses



Tightly sealed goggles

- **Body protection:**

Fully skin-covering anti-static, chemical- and oil-resistant clothing and safety shoes are recommended.

(EN1149; EN340&EN ISO 13688; EN13034-6).

(Contd. on page 5)

Safety data sheet

according to UK REACH

Printing date: 19.01.2026

Revision: 19.01.2026

MULTI 500 - 520 ml & 270 ml : 636000002 / 10032, 636000001 / 10031

(Contd. of page 4)

- **Limitation and supervision of exposure into the environment**
Use an appropriate container to avoid environmental pollution.

9 Physical and chemical properties

- **General Information**
- **Colour:** According to product specification
- **Odour:** Characteristic
- **Odour threshold:** Not determined
- **pH-value:** Mixture is non-polar/aprotic.
- **Melting point/freezing point:** Undetermined
- **Initial boiling point and boiling range:** -44.5 °C
- **Flash point:** -97 °C
- **Flammability:** Highly flammable
- **Ignition Temperature:** 270 °C
- **Ignition temperature:** Product is not selfigniting.
- **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
- **Explosion limits:**
- **Lower:** 0.6 Vol %
- **Upper:** 10.9 Vol %
- **Vapour pressure at 20 °C:** 8300 hPa
- **Vapor Pressure at 30 °C:** 10800 hPa
- **Density at 20 °C:** 0.715 g/cm³
- **Relative density:** Not determined
- **Vapour density:** Not determined
- **Evaporation rate:** Not applicable.
- **Solubility in / Miscibility with**
- **water:** Not miscible or difficult to mix.
- **Partition coefficient: n-octanol/water:** Not determined
- **Viscosity:**
- **Dynamic:** Not determined
- **Kinematic:** Not determined
- **Organic solvents:** 67.0 %
- **Water:** 0.1 %
- **Solids content:** 8.5 %

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Oral	LD50	>5000 mg/kg (Rat) (Acute Oral Toxicity)
------	------	---

(Contd. on page 6)

Safety data sheet

according to UK REACH

Printing date: 19.01.2026

Revision: 19.01.2026

MULTI 500 - 520 ml & 270 ml : 636000002 / 10032, 636000001 / 10031

(Contd. of page 5)

Dermal	LD50	3160 mg/kg (Rabbit) (Acute Dermal Toxicity)
Inhalative	LC50 (4h)	>4951 mg/l (Rat)
	LC50 (4h)	4951 mg/m ³ (Rat)
68608-26-4 Sulfonic acids, petroleum, sodium salts		
Oral	LD50	>6000 mg/kg (Rat)

- **Primary irritant effect:**
- **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** May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** May be fatal if swallowed and enters airways.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

EL0 (48h)	1000 mg/l (Daphnia magna)
NOELR (72h)	100 mg/l (Pseudokirchneriella subcapitata)
EL50 (72h)	>1000 mg/l (Pseudokirchneriella subcapitata)
LL50 (96h)	>1000 mg/l (Onc)

- **Persistence and degradability** Not easily biodegradable
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**
- **ADR, ADN, IMDG, IATA** UN1950

(Contd. on page 7)

GB

Safety data sheet according to UK REACH

Printing date: 19.01.2026

Revision: 19.01.2026

MULTI 500 - 520 ml & 270 ml : 636000002 / 10032, 636000001 / 10031

(Contd. of page 6)

· UN proper shipping name	UN1950 AEROSOLS
· ADR, ADN	AEROSOLS
· IMDG	AEROSOLS, flammable
· IATA	

· Transport hazard class(es)

· ADR



· Class	2.5F Gases.
· Label	2.1

· ADN

· ADN/R Class: 2.5F

· IMDG, IATA



· Class	2.1 Gases.
· Label	2.1

· Packing group

· ADR, IMDG, IATA Void

· Environmental hazards:

· Marine pollutant: No

· Special precautions for user

Warning: Gases.

· Hazard identification number (Kemler code):

-

· EMS Number:

F-D,S-U

· Stowage Code

SW1 Protected from sources of heat.
 SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.

· Segregation Code

SG69 For AEROSOLS with a maximum capacity of 1 litre:
 Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.
 For AEROSOLS with a capacity above 1 litre:
 Segregation as for the appropriate subdivision of class 2.
 For WASTE AEROSOLS:
 Segregation as for the appropriate subdivision of class 2.

· Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

· Transport/Additional information:

· ADR

· Limited quantities (LQ)

1L

· Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

· Transport category

2

(Contd. on page 8)

Safety data sheet

according to UK REACH

Printing date: 19.01.2026

Revision: 19.01.2026

MULTI 500 - 520 ml & 270 ml : 636000002 / 10032, 636000001 / 10031

(Contd. of page 7)

· Tunnel restriction code	D
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Poisons Act

· Regulated explosives precursors

None of the ingredients is listed.

· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

None of the ingredients is listed.

· Directive 2012/18/EU

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category** P3a FLAMMABLE AEROSOLS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

· National regulations:

· Breakdown regulations:

Class	Share in %
Wasser	0.1-<1
NK	50-<75

- **VOC-CH** 66.96 %
- **VOC-EU** 478.8 g/l
- **Danish MAL Code** 3-3
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

- H220 Extremely flammable gas.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.

· Classification according to Regulation (EC) No 1272/2008

Physical and chemical properties: The classification is based on the results of the mixtures tested. Health hazards, Environmental hazards: The method of classification of mixtures based on the constituents of the mixture (sum formula).

The classification of the aspiration toxicity of an aerosol is based on the viscosity of the liquid.

The classification of aerosol flammability was determined based on results of tested mixtures.

(Contd. on page 9)

Safety data sheet

according to UK REACH

Printing date: 19.01.2026

Revision: 19.01.2026

MULTI 500 - 520 ml & 270 ml : 636000002 / 10032, 636000001 / 10031

(Contd. of page 8)

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

DNEL: Derived No-Effect Level (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Flam. Gas 1A: Flammable gases – Category 1A

Aerosol 1: Aerosols – Category 1

Press. Gas (Comp.): Gases under pressure – Compressed gas

Flam. Liq. 3: Flammable liquids – Category 3

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

· *** Data compared to the previous version altered. ***

GB

DISCLAIMER

The information contained in this sheet comes from reliable sources. It has been drawn up based on our knowledge at the time of the most recent update, as indicated. This information is intended as an aid to the user and should not be considered as a guarantee.

Conditions or methods of handling, storage, use or disposal of the product are outside our control, and we may not be held responsible for any loss, damage or expenses incurred as a result of, or in connection with, the latter.

All substances or mixtures can present unknown dangers and must be used with caution. We cannot guarantee that all dangers have been set out in an exhaustive manner.

This sheet has been drawn up for, and must be used for, this product only. If the product is used as a component in another product, the information given with it may not be applicable.

This sheet does not under any circumstances exempt the user from complying with all laws, regulations and administrative requirements related to the product, health and safety, and the protection of human health and the environment.