

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.12.2022

Version number 102.01 (replaces version 102.00)

Revision: 27.12.2022

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

- 1.1 Product identifier

- Trade name **LP407/13 Spray**

- UFI: 040M-904N-H00Y-YJYG

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

No further relevant information available.

- Application of the substance / the mixture

Cleaning material/ Detergent

Restrictions on use apply to this product according to Regulation (EU) no. 1907/2006 Annex XVII (see section 15)

- 1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier:

Riepe GmbH & Co. KG

Theodor Rosenbaum Str. 28-30

32257 Bünde - Deutschland

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- Informing department:

Tel.: +49 (0) 5223 - 687407-0

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- 1.4 Emergency telephone number:

Poison Control Center, Mainz

Tel. 00 49 / 61 31 / 19 240

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture

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

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

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

- 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

- Hazard pictograms



GHS02 GHS07

- Signal word Danger

- Hazard-determining components of labelling:

acetone

- Hazard statements

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

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

- Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.12.2022

Version number 102.01 (replaces version 102.00)

Revision: 27.12.2022

Trade name LP407/13 Spray

(Contd. of page 1)

| | |
|----------------|--|
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| 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. |
| 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:

Buildup of explosive mixtures possible without sufficient ventilation.

- 2.3 Other hazards**- Results of PBT and vPvB assessment**- **PBT:** Not applicable.- **vPvB:** Not applicable.**- Determination of endocrine-disrupting properties**

78-93-3 2-Butanone

List II

SECTION 3: Composition/information on ingredients

- 3.2 Mixtures**- Description:**

Mixture of the substances listed below with harmless additions

Active substance with propellant.

- Dangerous components:

| | | |
|--|---|-----------|
| CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 Reg.nr.: 01-2119457610-43 | ethanol Flam. Liq. 2, H225; Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50 % | 50-100% |
| CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49 | acetone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066 | 25-50% |
| CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25 | propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336 | ≥2.5-<10% |
| CAS: 7727-37-9 EINECS: 231-783-9 | nitrogen Press. Gas (Comp.), H280 | ≤1% |
| CAS: 78-93-3 EINECS: 201-159-0 Index number: 606-002-00-3 Reg.nr.: 01-2119457290-43 | 2-Butanone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066 | ≤1% |

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

EUE

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.12.2022

Version number 102.01 (replaces version 102.00)

Revision: 27.12.2022

Trade name LP407/13 Spray

(Contd. of page 2)

SECTION 4: First aid measures

- 4.1 Description of first aid measures

- General advice:

Instantly remove any clothing soiled by the product.

In case of unconsciousness bring patient into stable side position for transport.

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.

- After skin contact

In general the product does not cause skin irritation.

Wash with soap and water.

- After eye contact

Rinse immediately opened eye for several minutes under running water. Then consult doctor.

- **After swallowing** Rinse out mouth and then drink plenty of water.

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

No further relevant information available.

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

No further relevant information available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media

- Suitable extinguishing agents

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.

- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

- 5.3 Advice for firefighters

- Protective equipment:

Wear self-contained breathing apparatus.

See section 8.

Wear full protective suit with self-contained breathing apparatus.

- **Additional information** Danger of bursting of the aerosol cans at temperatures above 50 ° C.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures

Keep away from ignition sources

Wear protective equipment. Keep off unprotected persons

Wear protective equipment and keep unprotected persons away.

- 6.2 Environmental precautions:

Do not allow to enter drainage system, surface or ground water.

If large amounts are released, the authorities must be informed.

- 6.3 Methods and material for containment and cleaning up:

Dispose of contaminated material as waste according to item 13.

- 6.4 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 information on disposal.

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.12.2022

Version number 102.01 (replaces version 102.00)

Revision: 27.12.2022

Trade name LP407/13 Spray

(Contd. of page 3)

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling

Keep containers tightly sealed.

Ensure good ventilation/exhaustion at the workplace. Avoid repeated or long-term skin contact.

- Information about protection against explosions and fires:

Do not spray on flames or red-hot objects.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Beware: Container is pressurized. Keep away from direct sun exposure and temperatures over 50°C. Do not open by force or throw into fire even after use.

- 7.2 Conditions for safe storage, including any incompatibilities

- **Storage** Store in cool, dry conditions in well sealed containers.

- Requirements to be met by storerooms and containers:

Observe official regulations on storage and handling of water hazardous substances

Observe official regulations on storing packagings with pressurised containers.

- Information about storage in one common storage facility:

Store away from oxidising agents.

According to guidelines of the VbF, flammable liquids should not be stored together.

- **Further information about storage conditions:** Keep container tightly sealed.

- **Storage class 2 B** (VCI - concept, 2007)

- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters

- **Components with critical values that require monitoring at the workplace:**

67-64-1 acetone

IOELV (EU) Long-term value: 1210 mg/m³, 500 ppm

78-93-3 2-Butanone

IOELV (EU) Short-term value: 900 mg/m³, 300 ppm
Long-term value: 600 mg/m³, 200 ppm

- DNELs

64-17-5 ethanol

| | | |
|------------|-------------------|---|
| Oral | DNEL (population) | 87 mg/kg bw/day (Long-term, systemic effects) |
| Dermal | DNEL (worker) | 8,238 mg/kg bw/day (Long-term, systemic effects) |
| Inhalative | DNEL (worker) | 380 mg/m ³ (Long-term, systemic effects) |
| | DNEL (population) | 114 mg/m ³ (Long-term, systemic effects) |

67-64-1 acetone

| | | |
|------------|-------------------|---|
| Oral | DNEL (population) | 62 mg/kg bw/day (Long-term, systemic effects) |
| Dermal | DNEL (worker) | 186 mg/kg bw/day (Long-term, systemic effects) |
| | DNEL (population) | 62 mg/kg bw/day (Long-term, systemic effects) |
| Inhalative | DNEL (worker) | 2,420 mg/m ³ (Acute, local effects) |
| | | 1,210 mg/m ³ (Long-term, systemic effects) |
| | DNEL (population) | 200 mg/m ³ (Long-term, systemic effects) |

67-63-0 propan-2-ol

| | | |
|------|-------------------|---|
| Oral | DNEL (population) | 26 mg/kg bw/day (Long-term, systemic effects) |
|------|-------------------|---|

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.12.2022

Version number 102.01 (replaces version 102.00)

Revision: 27.12.2022

Trade name LP407/13 Spray

(Contd. of page 4)

| | | |
|------------|-------------------|---|
| Dermal | DNEL (worker) | 888 mg/kg bw/day (Long-term, systemic effects) |
| | DNEL (population) | 319 mg/kg bw/day (Long-term, systemic effects) |
| Inhalative | DNEL (worker) | 500 mg/m ³ (Long-term, systemic effects) |
| | DNEL (population) | 89 mg/m ³ (Long-term, systemic effects) |

78-93-3 2-Butanone

| | | |
|------------|-------------------|---|
| Oral | DNEL (population) | 31 mg/kg bw/day (Long-term, systemic effects) |
| Dermal | DNEL (worker) | 1,161 mg/kg bw/day (Long-term, systemic effects) |
| | DNEL (population) | 412 mg/kg bw/day (Long-term, systemic effects) |
| Inhalative | DNEL (worker) | 600 mg/m ³ (Long-term, systemic effects) |
| | DNEL (population) | 106 mg/m ³ (Long-term, systemic effects) |

- PNECs**64-17-5 ethanol**

| | |
|---------------|-----------------------------------|
| PNEC water | 2.75 mg/l (intermittent releases) |
| | 0.96 mg/l (freshwater) |
| | 0.79 mg/l (marine water) |
| PNEC sediment | 3.6 mg/kg dw (freshwater) |
| | 2.9 mg/kg dw (marine water) |
| PNEC soil | 0.63 mg/kg dw (soil) |
| PNEC STP | 580 mg/l (sewage plant) |

67-64-1 acetone

| | |
|---------------|---------------------------------|
| PNEC water | 10.6 mg/l (freshwater) |
| | 1.06 mg/l (marine water) |
| PNEC | 21 mg/l (intermittent releases) |
| | 100 mg/l (sewage plant) |
| PNEC sediment | 30.4 mg/kg dw (freshwater) |
| | 3.04 mg/kg dw (marine water) |
| PNEC soil | 29.5 mg/kg dw (soil) |

67-63-0 propan-2-ol

| | |
|---------------|-------------------------------|
| PNEC water | 140.9 mg/l (freshwater) |
| | 140.9 mg/l (marine water) |
| PNEC | 2,251 mg/l (sewage plant) |
| PNEC sediment | 552 mg/kg dw (freshwater) |
| | 552 mg/kg dw (marine water) |
| PNEC | 140.9 (intermittent releases) |
| PNEC soil | 28 mg/kg (soil) |

78-93-3 2-Butanone

| | |
|---------------|-------------------------------|
| PNEC water | 55.8 mg/l (freshwater) |
| | 55.8 mg/l (marine water) |
| PNEC sediment | 284.74 mg/kg dw (freshwater) |
| | 284.7 mg/kg dw (marine water) |
| PNEC soil | 22.5 mg/kg dw (soil) |
| PNEC STP | 709 mg/l (sewage plant) |

- Additional information: The lists that were valid during the compilation were used as basis.

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.12.2022

Version number 102.01 (replaces version 102.00)

Revision: 27.12.2022

Trade name LP407/13 Spray

(Contd. of page 5)

- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures**
Wash hands during breaks and at the end of the work.
Avoid contact with the eyes and skin.
Gases, fumes and aerosols should not be inhaled.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Hand protection** Protective gloves and protective skin cream.
- **Material of gloves**
Butyl rubber, BR
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.
- **Penetration time of glove material**
Material of gloves is recommended for a short-term single use to protect from splashes. For permanent usage contact manufacturer of gloves.
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye/face protection** Tightly sealed safety glasses.

* SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Colour:** yellowish, clear
- **Smell:** Alcohol-like
- **Odour threshold:** Not determined.
- **Melting point/freezing point:** Not determined
- **Boiling point or initial boiling point and boiling range** Not applicable, as aerosol
- **Flammability** Not applicable.
- **Lower and upper explosion limit**
- **Lower:** 1.3 Vol %
- **Upper:** 15 Vol %
- **Flash point:** 13 °C
- **Ignition temperature:** (lowest level for individual components)
- **Decomposition temperature:** Not determined.
- **pH** not applicable
Not determined.
- **pH-value:**
- **Viscosity:**
- **Kinematic viscosity** Not determined.
- **dynamic:** Not determined.
- **Solubility**
- **Water:** miscible
- **Partition coefficient n-octanol/water (log value)** Not determined.
- **Vapour pressure at 20 °C:** 247 hPa (67-64-1 acetone)
- **Density and/or relative density**
- **Density at 20 °C** 0.782 g/cm³
- **Relative density** Not determined.
- **Vapour density** Not determined.

(Contd. on page 7)

EUE

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.12.2022

Version number 102.01 (replaces version 102.00)

Revision: 27.12.2022

Trade name LP407/13 Spray

(Contd. of page 6)

| | |
|--|--|
| - 9.2 Other information | No further relevant information available. |
| - Appearance: | |
| - Form: | Aerosol |
| - Important information on protection of health and environment, and on safety. | |
| - Self-inflammability: | Product is not selfigniting. |
| - Explosive properties: | Not determined. |
| - Evaporation rate | Not applicable. |
| - Information with regard to physical hazard classes | |
| - Explosives | Void |
| - Flammable gases | Void |
| - Aerosols | Extremely flammable aerosol. Pressurised container: May burst if heated. |
| - Oxidising gases | Void |
| - Gases under pressure | Void |
| - Flammable liquids | Void |
| - Flammable solids | Void |
| - Self-reactive substances and mixtures | Void |
| - Pyrophoric liquids | Void |
| - Pyrophoric solids | Void |
| - Self-heating substances and mixtures | Void |
| - Substances and mixtures, which emit flammable gases in contact with water | Void |
| - Oxidising liquids | Void |
| - Oxidising solids | Void |
| - Organic peroxides | Void |
| - Corrosive to metals | Void |
| - Desensitised explosives | Void |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** strong oxidizing agents
- **10.6 Hazardous decomposition products:**
Formation of carbon monoxide and carbon dioxide in case of fire.

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.

(Contd. on page 8)

EUE

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.12.2022

Version number 102.01 (replaces version 102.00)

Revision: 27.12.2022

Trade name LP407/13 Spray

(Contd. of page 7)

| - LD/LC50 values that are relevant for classification: | | |
|---|-------------|---|
| 64-17-5 ethanol | | |
| Oral | LD50 | 10,470 mg/kg (rat) (OECD 401) |
| Dermal | LD50 | >2,000 mg/kg (rabbit) (OECD 402) |
| Inhalative | LC 50 / 4 h | >50 mg/l (rat) (OECD 403) >20 mg/l (mouse) |
| 67-64-1 acetone | | |
| Oral | LD50 | 5,800 mg/kg (rat) |
| Dermal | LD50 | 7,426-15,800 mg/kg (rbt) |
| Inhalative | LC 50 / 4 h | 76 mg/l (rat) |
| 67-63-0 propan-2-ol | | |
| Oral | LD50 | 5,840 mg/kg (rat) (OECD 401) 4,570 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (rabbit) 13,400 mg/kg (rab) |
| Inhalative | LC 50 / 4 h | 30 mg/l (rat) |
| 78-93-3 2-Butanone | | |
| Oral | LD50 | 3,300 mg/kg (rat) |
| Dermal | LD50 | 5,000 mg/kg (rbt) |
| Inhalative | LC 50 / 4 h | 34.5 mg/l (rat) 40 mg/l (mus) |

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

- **Serious eye damage/irritation**

Causes serious eye irritation.

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

- **STOT-repeated exposure:**

| | | |
|----------------------------|-------|---|
| 64-17-5 ethanol | | |
| Oral | NOAEL | 1,760 mg/kg (rat) (OECD 408, 90 d, target organ: liver) |
| 67-64-1 acetone | | |
| Oral | NOAEL | 900 mg/kg (rat) (KG/day 90 days) |
| 67-63-0 propan-2-ol | | |
| Oral | NOAEL | 900 mg/kg (rat) ((90d) OECD 408) |

- **11.2 Information on other hazards**

| | | |
|--|------------|---------|
| - Endocrine disrupting properties | | |
| 78-93-3 | 2-Butanone | List II |

EUE

(Contd. on page 9)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.12.2022

Version number 102.01 (replaces version 102.00)

Revision: 27.12.2022

Trade name LP407/13 Spray

(Contd. of page 8)

SECTION 12: Ecological information

- 12.1 Toxicity

- Aquatic toxicity:

64-17-5 ethanol

| | |
|--------------|---|
| LC 50 / 48 h | 8,140 mg/l (<i>Leuciscus idus</i>) |
| EC 50 / 48 h | >10,000 mg/l (<i>Daphnia magna</i>) |
| EC 50 / 72 h | 275 mg/l (<i>Chlorella vulgaris</i>) (OECD 201) |

67-64-1 acetone

| | |
|--------------|---|
| LC 50 / 96 h | 7,500 mg/l (<i>Leuciscus idus</i>) |
| | 5,540 mg/l (<i>Oncorhynchus mykiss</i>) |
| EC 50 / 48 h | 8,800 mg/l (<i>Daphnia magna</i>) |
| EC 50 / 96 h | 8,300 mg/l (<i>Lepomis macrochirus</i>) |
| | 7,500 mg/l (<i>Selenastrum capricornutum</i>) |

67-63-0 propan-2-ol

| | |
|--------------|--|
| LC 50 / 96 h | >10,000 mg/l (<i>Pimephales promelas</i>) (OECD 203 (Acute toxicity - fish)) |
| LC 50 / 48 h | >100 mg/l (<i>Leuciscus idus</i>) |
| EC 50 / 48 h | >100 mg/l (<i>Daphnia magna</i>) |
| EC 50 / 16 h | 1,050 mg/l (<i>Pseudomonas putida</i>) (DIN 38412 T.8) |
| EC 50 / 72 h | >100 mg/l (<i>Scenedesmus subspicatus</i>) |

78-93-3 2-Butanone

| | |
|--------------|-------------------------------|
| LC 50 / 96 h | >3,000 mg/l (fish) |
| EC 50 / 48 h | 1,382 mg/l (<i>Daphnia</i>) |

- 12.2 Persistence and degradability

67-63-0 propan-2-ol

| | |
|------------------|---|
| Biodegradability | 49 % /BOD/ThBOD |
| Biodegradability | 53 % /5 d, BSB5/CS (92/69/EG (L383) C.5 * Abbaubarkeit) |
| CSB | 2.23 mg O2/g (Methode : Verordnung (EC) Nr. 440/2008, Anhang, C.) |
| BSB5 | 1.72 mg O2/g (Methode : Verordnung (EC) Nr. 440/2008, Anhang, C.) |

- **12.3 Bioaccumulative potential** No further relevant information available.

- **12.4 Mobility in soil** No further relevant information available.

- 12.5 Results of PBT and vPvB assessment

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.

- **12.7 Other adverse effects** No further relevant information available.

- Respiratory inhibition of communal activated sludge EC 20 (mg/l according to ISO 8192 B):

64-17-5 ethanol

| | |
|----------------|---|
| EC 50 (static) | >100 mg/l (<i>Chlorella pyrenoidosa</i>) (OECD 201) |
|----------------|---|

- Additional ecological information:

- General notes:

Do not allow to enter drainage system, surface or ground water

Water hazard class 1 (Self-assessment): slightly hazardous for water.

EUE

(Contd. on page 10)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.12.2022

Version number 102.01 (replaces version 102.00)

Revision: 27.12.2022

Trade name LP407/13 Spray

(Contd. of page 9)

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods

The following advice is related to new material and not to any processed products. In case of a mixture with other products other disposal methods may become necessary. If in doubt seek advice from product supplier or from local authorities.

- Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- Waste disposal key number:

Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.

- **Uncleaned packagings:** Disposal must be made according to official regulations.

- Recommendation:

Packagings that cannot be cleaned are to be disposed of in the same manner as the product. Containers may be completely emptied and cleaned and send to be reconditioned or recycled.

SECTION 14: Transport information

| | |
|--|--|
| <ul style="list-style-type: none"> - 14.1 UN number or ID number - ADR/RID, IMDG, IATA | <p style="margin: 0;">UN1950</p> |
| <ul style="list-style-type: none"> - 14.2 UN proper shipping name - ADR/RID - IMDG - IATA | <p style="margin: 0;">1950 AEROSOLS AEROSOLS AEROSOLS, flammable</p> |
| <ul style="list-style-type: none"> - 14.3 Transport hazard class(es) - ADR/RID - Class - Label | <p style="margin: 0;">2 5F Gases. 2.1</p> |
| <ul style="list-style-type: none"> - IMDG, IATA - Class - Label | <p style="margin: 0;">2.1 Gases. 2.1</p> |
| <ul style="list-style-type: none"> - 14.4 Packing group - ADR/RID, IMDG, IATA | <p style="margin: 0;">Void</p> |
| <ul style="list-style-type: none"> - 14.5 Environmental hazards: - Marine pollutant: | <p style="margin: 0;">Not applicable. No</p> |
| <ul style="list-style-type: none"> - 14.6 Special precautions for user - Kemler Number: - EMS Number: - Stowage Code | <p style="margin: 0;">Warning: Gases. - F-D,S-U 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. 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:</p> |
| <ul style="list-style-type: none"> - Segregation Code | <p style="margin: 0;">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:</p> |

(Contd. on page 11)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.12.2022

Version number 102.01 (replaces version 102.00)

Revision: 27.12.2022

Trade name LP407/13 Spray

(Contd. of page 10)

| | |
|--|---|
| - | Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2. |
| - 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| - Transport/Additional information: | |
| - ADR/RID | |
| - Limited quantities (LQ) | 1L |
| - Excepted quantities (EQ) | Code: E0 Not permitted as Excepted Quantity |
| - IMDG | |
| - Limited quantities (LQ) | 1L |
| - Excepted quantities (EQ) | Código E4 Not permitted as Excepted Quantity |
| - UN "Model Regulation": | UN 1950 AEROSOLS, 2.1 |

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

- Hazard pictograms



GHS02 GHS07

- Signal word Danger

- Hazard-determining components of labelling:

acetone

- Hazard statements

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

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

- Precautionary statements

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.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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.

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.

(Contd. on page 12)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.12.2022

Version number 102.01 (replaces version 102.00)

Revision: 27.12.2022

Trade name LP407/13 Spray

(Contd. of page 11)

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category** P3b FLAMMABLE AEROSOLS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

- **REGULATION (EU) 2019/1148**

- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

| | |
|---------|---------|
| 67-64-1 | acetone |
|---------|---------|

- **Regulation (EC) No 273/2004 on drug precursors**

| | | |
|---------|---------|---|
| 67-64-1 | acetone | 3 |
|---------|---------|---|

| | | |
|---------|------------|---|
| 78-93-3 | 2-Butanone | 3 |
|---------|------------|---|

- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

| | | |
|---------|---------|---|
| 67-64-1 | acetone | 3 |
|---------|---------|---|

| | | |
|---------|------------|---|
| 78-93-3 | 2-Butanone | 3 |
|---------|------------|---|

- **National regulations**

- **Information about limitation of use:**

Employment restrictions concerning young persons must be observed.

- **Other regulations, limitations and prohibitive regulations**

- **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is listed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **UFI market placements:**

- **Relevant phrases**

Complete wording of hazard statements and risk phrases (H- and R-phrases) mentioned in section 3. These phrases refer to the constituents. The labelling for this product is stated in section 2.

- **Department issuing data specification sheet:** see item 1: Informing department

- **Date of previous version:** 27.12.2022

- **Version number of previous version:** 102.00

- **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)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

NOAEL: No Observed Adverse Effect Level

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)

(Contd. on page 13)

EUE

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 27.12.2022

Version number 102.01 (replaces version 102.00)

Revision: 27.12.2022

Trade name LP407/13 Spray

(Contd. of page 12)

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

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

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)

TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)

ISO: International Organisation for Standardisation

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Aerosol 1: Aerosols – Category 1

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

Flam. Liq. 2: Flammable liquids – Category 2

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

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

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