SAFETY DATA SHEET



RIEGLER Spray cleaner S

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

1.1 Product identifier

Product name : RIEGLER Spray cleaner S
UFI : 3UT2-X0V6-M006-HF3T
Product code : R3160/500 / ID-Nr. 114575

Color : Colorless.

Product type : Aerosol.

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

Identified uses

Aerosol product-Cleaning agent

Uses advised against Reason

Not applicable.

1.3 Details of the supplier of the safety data sheet

RIEGLER & Co. KG

Schützenstr. 27, D-72574 Bad Urach

Phone: +49 (0) 7125/9497-0, Fax: +49 (0) 7125/9497-97

E-Mail : zedok@riegler.de Internet : www.riegler.de

e-mail address of person

responsible for this SDS Phone : +49 (0) 7125/9497-0

Fax: +49 (0) 7125/9497-97

: Abteilung eDocumentation

zedok@riegler.de

1.4 Emergency telephone number

National advisory body/Poison Center

Telephone number : Giftnotrufzentrale Bonn

Phone: +49(0)228-19 240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition: Mixture

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

Aerosol 1, H222, H229 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H336 Aquatic Chronic 2, H411

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Date of issue/Date of revision : 10/24/2024 Date of previous issue : 9/11/2023 Version : 2 1/21

SECTION 2: Hazards identification

Hazard pictograms







Signal word : Danger

Hazard statements : H222, H229 - Extremely flammable aerosol. Pressurized container: may burst if

heated.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention: P280 - Wear protective gloves. Wear eye or face protection.

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.

P271 - Use only outdoors or in a well-ventilated area.

P273 - Avoid release to the environment. P261 - Avoid breathing dust or mist. P264 - Wash thoroughly after handling. P251 - Do not pierce or burn, even after use.

Response : P391 - Collect spillage.

P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell.

P362 + P364 - Take off contaminated clothing and wash it before reuse.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention.

Storage : P405 - Store locked up.

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50

°C/122 °F.

: Not applicable.

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

Disposal : P501 - Dispose of waste according to applicable legislation.

Hazardous ingredients

: Hydrocarbons, C7, n-alkanes, iso-alkanes, cyclic

Supplemental label elements

: Contains Orange, sweet, ext.. May produce an allergic reaction.

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

articles

2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No.

: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

1907/2006, Annex XIII

Other hazards which do not result in classification

: Aspiration hazard - Not applicable.

Date of issue/Date of revision : 10/24/2024 Date of previous issue : 9/11/2023 Version : 2 2/21

SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture

| Product/ingredient name | Identifiers | % | Classification | Specific Conc. Limits, M-factors and ATEs | Туре |
|--|---|-----------------|--|---|---------|
| Hydrocarbons, C7, n-alkanes, iso-alkanes, cyclic | EC: 927-510-4 CAS: 64742-49-0 | ≥50 - ≤75 | Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 | - | [1] |
| acetone | REACH #: 01-2119471330-49 EC: 200-662-2 CAS: 67-64-1 Index: 606-001-00-8 | ≥10 - ≤19 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066 | - | [1] [2] |
| Isopropyl alcohol | REACH #: 01-2119457558-25 EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0 | ≥3 - ≤5 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 | - | [1] [2] |
| ethanol | REACH #: 01-2119457610-43 EC: 200-578-6 CAS: 64-17-5 Index: 603-002-00-5 | ≥3 - ≤5 | Flam. Liq. 2, H225 | - | [2] |
| butane | REACH #: 01-2119474691-32 EC: 203-448-7 CAS: 106-97-8 Index: 601-004-00-0 | ≥3 - ≤5 | Flam. Gas 1A, H220 Press. Gas (Comp.), H280 | - | [2] |
| Carbon dioxide, gas | REACH #: Annex IV EC: 204-696-9 CAS: 124-38-9 | ≥1 - ≤3 | Press. Gas (Comp.), H280 | - | [2] |
| Isobutane | REACH #: 01-2119485395-27 EC: 200-857-2 CAS: 75-28-5 Index: 601-004-00-0 | ≥1 - ≤3 | Flam. Gas 1A, H220 Press. Gas (Comp.), H280 | - | [2] |
| Orange, sweet, ext. | REACH #: 01-2119493353-35 EC: 232-433-8 CAS: 8028-48-6 | ≥0.3 - <1 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 | - | [1] |
| butanone | REACH #: 01-2119457290-43 EC: 201-159-0 CAS: 78-93-3 Index: 606-002-00-3 | ≥0.2 - ≤0.26 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066 See Section 16 for | - | [1] [2] |
| | | | the full text of the H statements declared above. | | |

Date of issue/Date of revision : 10/24/2024 Date of previous issue : 9/11/2023 Version : 2 3/21

SECTION 3: Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower

eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10

minutes. Get medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately.

Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or

waistband.

Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and

shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash

clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion: Wash out mouth with water. Remove dentures if any. If material has been

swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such

as a collar, tie, belt or waistband.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. If it

is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person

providing aid to give mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

Eye contact: Adverse symptoms may include the following:

pain or irritation

watering redness

Inhalation : Adverse symptoms may include the following:

respiratory tract irritation

coughing

nausea or vomiting

headache

drowsiness/fatigue dizziness/vertigo unconsciousness

Skin contact: Adverse symptoms may include the following:

irritation redness

Ingestion: No specific data.

Date of issue/Date of revision : 10/24/2024 Date of previous issue : 9/11/2023 Version : 2 4/21

RIEGLER Spray cleaner S

SECTION 4: First aid measures

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician

: Treat symptomatically. Contact poison treatment specialist immediately if large

quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing

media

: None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture : Extremely flammable aerosol. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed.

This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being

discharged to any waterway, sewer or drain.

Hazardous combustion products

: Decomposition products may include the following materials:

carbon dioxide carbon monoxide

5.3 Advice for firefighters

Special protective actions for fire-fighters

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

Date of issue/Date of revision : 10/24/2024 : 9/11/2023 Version : 2 5/21 Date of previous issue

SECTION 6: Accidental release measures

6.3 Methods and materials for containment and cleaning up

Small spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

6.4 Reference to other sections

: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures

: Put on appropriate personal protective equipment (see Section 8). Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing gas. Avoid breathing vapor or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.

Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Seveso Directive - Reporting thresholds

Danger criteria

| Category | Notification and MAPP threshold | Safety report threshold |
|-----------|---------------------------------|-------------------------|
| P3a E2 | 150 tonne 200 tonne | 500 tonne |

7.3 Specific end use(s)

Recommendations : Not available.

Industrial sector specific : Not available.

solutions

Date of issue/Date of revision : 10/24/2024 Date of previous issue : 9/11/2023 Version : 2 6/21

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits

| Product/ingredient name | Exposure limit values |
|---|---|
| acetone | TRGS 900 OEL (Germany, 4/2023). |
| | TWA: 1200 mg/m³ 8 hours. |
| | PEAK: 2400 mg/m³ 15 minutes. |
| | TWA: 500 ppm 8 hours. |
| | PEAK: 1000 ppm 15 minutes. |
| | DFG MAC-values list (Germany, 7/2022). |
| | TWA: 500 ppm 8 hours. |
| | PEAK: 1000 ppm, 4 times per shift, 15 minutes. |
| | TWA: 1200 mg/m ³ 8 hours. |
| | PEAK: 2400 mg/m³, 4 times per shift, 15 minutes. |
| | T LAK. 2400 Highli , 4 times per shirt, To minutes. |
| sopropyl alcohol | TRGS 900 OEL (Germany, 4/2023). |
| | TWA: 500 mg/m ³ 8 hours. |
| | PEAK: 1000 mg/m³ 15 minutes. |
| | TWA: 200 ppm 8 hours. |
| | PEAK: 400 ppm 15 minutes. |
| | DFG MAC-values list (Germany, 7/2022). |
| | TWA: 200 ppm 8 hours. |
| | |
| | PEAK: 400 ppm, 4 times per shift, 15 minutes. |
| | TWA: 500 mg/m³ 8 hours. |
| | PEAK: 1000 mg/m³, 4 times per shift, 15 minutes. |
| ethanol | TRGS 900 OEL (Germany, 4/2023). |
| | TWA: 380 mg/m³ 8 hours. |
| | PEAK: 1520 mg/m³ 15 minutes. |
| | TWA: 200 ppm 8 hours. |
| | |
| | PEAK: 800 ppm 15 minutes. |
| | DFG MAC-values list (Germany, 7/2022). |
| | TWA: 200 ppm 8 hours. |
| | PEAK: 800 ppm, 4 times per shift, 15 minutes. |
| | TWA: 380 mg/m³ 8 hours. |
| | PEAK: 1520 mg/m³, 4 times per shift, 15 minutes. |
| outane | TRGS 900 OEL (Germany, 7/2021). |
| Julane | |
| | TWA: 2400 mg/m³ 8 hours. |
| | PEAK: 9600 mg/m³ 15 minutes. |
| | TWA: 1000 ppm 8 hours. |
| | PEAK: 4000 ppm 15 minutes. |
| | DFG MAC-values list (Germany, 10/2021). [Butane] |
| | TWA: 1000 ppm 8 hours. |
| | PEAK: 4000 ppm, 4 times per shift, 15 minutes. |
| | TWA: 2400 mg/m³ 8 hours. |
| | PEAK: 9600 mg/m³, 4 times per shift, 15 minutes. |
| Carbon diavida, gas | TRGS 900 OEL (Cormony 4/2022) |
| Carbon dioxide, gas | TRGS 900 OEL (Germany, 4/2023). |
| | TWA: 9100 mg/m³ 8 hours. |
| | PEAK: 18200 mg/m³ 15 minutes. |
| | TWA: 5000 ppm 8 hours. |
| | PEAK: 10000 ppm 15 minutes. |
| | DFG MAC-values list (Germany, 7/2022). |
| | TWA: 5000 ppm 8 hours. |
| | PEAK: 10000 ppm, 4 times per shift, 15 minutes. |
| | TWA: 9100 mg/m³ 8 hours. |
| | PEAK: 18200 mg/m³, 4 times per shift, 15 minutes. |
| to of issue/Date of revision : 10/24/2024 | Date of provious issue : 0/11/2023 Version : 2 |

Date of issue/Date of revision : 10/24/2024 Date of previous issue : 9/11/2023 Version : 2 7/21

butanone

SECTION 8: Exposure controls/personal protection

Isobutane TRGS 900 OEL (Germany, 7/2021).

TWA: 2400 mg/m³ 8 hours. PEAK: 9600 mg/m³ 15 minutes. TWA: 1000 ppm 8 hours. PEAK: 4000 ppm 15 minutes.

DFG MAC-values list (Germany, 10/2021). [Butane]

TWA: 1000 ppm 8 hours.

PEAK: 4000 ppm, 4 times per shift, 15 minutes.

TWA: 2400 mg/m³ 8 hours.

PEAK: 9600 mg/m³, 4 times per shift, 15 minutes.

TRGS 900 OEL (Germany, 4/2023). Absorbed through skin.

TWA: 600 mg/m³ 8 hours. PEAK: 600 mg/m³ 15 minutes. TWA: 200 ppm 8 hours. PEAK: 200 ppm 15 minutes.

DFG MAC-values list (Germany, 7/2022). Absorbed through

TWA: 200 ppm 8 hours.

PEAK: 200 ppm, 4 times per shift, 15 minutes.

TWA: 600 mg/m³ 8 hours.

PEAK: 600 mg/m³, 4 times per shift, 15 minutes.

Biological exposure indices

Product/ingredient name **Exposure indices** acetone DFG BEI-values list (Germany, 7/2022)

BEI: 50 mg/l, acetone [in urine]. Sampling time: end of exposure or end of shift.

TRGS 903 - BEI Values (Germany, 2/2022)

BEI: 80 mg/l, acetone [in urine]. Sampling time: end of exposure or end of shift.

propan-2-ol DFG BEI-values list (Germany, 7/2022)

> BEI: 25 mg/l, acetone [in blood]. Sampling time: end of exposure or end of shift.

BEI: 25 mg/l, acetone [in urine]. Sampling time: end of exposure or end of shift.

TRGS 903 - BEI Values (Germany, 2/2022)

BEI: 25 mg/l, acetone [in whole blood]. Sampling time: end of exposure or end of shift.

BEI: 25 mg/l, acetone [in urine]. Sampling time: end of exposure or end of shift.

DFG BEI-values list (Germany, 7/2022) Notes: danger from percutaneous absorption (see p. 211 and p. 228).

BEI: 2 mg/l, 2-butanone [in urine]. Sampling time: end of exposure or end of shift.

TRGS 903 - BEI Values (Germany, 2/2022)

BEI: 2 mg/l, 2-butanone [in urine]. Sampling time: end of exposure or end of shift.

procedures

butanone

Recommended monitoring: Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be

: 10/24/2024 : 9/11/2023 Version : 2 Date of issue/Date of revision Date of previous issue 8/21

SECTION 8: Exposure controls/personal protection

required.

DNELs/DMELs

| Product/ingredient name | Type | Exposure | Value | Population | Effects |
|-------------------------|------|--------------------------|-----------------------|-----------------------|----------|
| acetone | DNEL | Long term Oral | 62 mg/kg bw/day | General population | Systemic |
| | DNEL | Long term Dermal | 62 mg/kg bw/day | General population | Systemic |
| | DNEL | Long term Dermal | 186 mg/kg bw/day | Workers | Systemic |
| | DNEL | Long term Inhalation | 200 mg/m ³ | General population | Systemic |
| | DNEL | Long term Inhalation | 1210 mg/ m³ | Workers | Systemic |
| | DNEL | Short term Inhalation | 2420 mg/ m³ | Workers | Local |
| Isopropyl alcohol | DNEL | Long term Oral | 26 mg/kg bw/day | General population | Systemic |
| | DNEL | Short term Oral | 51 mg/kg bw/day | General population | Systemic |
| | DNEL | Long term Inhalation | 89 mg/m³ | General population | Systemic |
| | DNEL | Short term Inhalation | 178 mg/m³ | General population | Systemic |
| | DNEL | Long term Dermal | 319 mg/kg bw/day | General population | Systemic |
| | DNEL | Long term Inhalation | 500 mg/m ³ | Workers | Systemic |
| | DNEL | Long term Dermal | 888 mg/kg bw/day | Workers | Systemic |
| | DNEL | Short term Inhalation | 1000 mg/ m³ | Workers | Systemic |
| Orange, sweet, ext. | DNEL | Short term Dermal | 92.9 ng/ cm² | General population | Local |
| | DNEL | Short term Dermal | 185.8 ng/ cm² | Workers | Local |
| | DNEL | Long term Oral | 4.44 mg/ kg bw/day | General population | Systemic |
| | DNEL | Long term Dermal | 4.44 mg/ kg bw/day | General population | Systemic |
| | DNEL | Long term Inhalation | 7.78 mg/m³ | General population | Systemic |
| | DNEL | Long term Dermal | 8.89 mg/ kg bw/day | Workers | Systemic |
| | DNEL | Long term | 31.1 mg/m³ | Workers | Systemic |

Date of issue/Date of revision : 10/24/2024 Date of previous issue : 9/11/2023 Version : 2 9/21

SECTION 8: Exposure controls/personal protection

| | | Inhalation | | | |
|----------|------|--------------------------|-----------------------|-----------------------|----------|
| butanone | DNEL | Long term Oral | 31 mg/kg bw/day | General population | Systemic |
| | DNEL | Long term Inhalation | 106 mg/m³ | General population | Systemic |
| | DNEL | Long term Dermal | 412 mg/kg bw/day | General population | Systemic |
| | DNEL | Short term Inhalation | 450 mg/m³ | General population | Systemic |
| | DNEL | Long term Inhalation | 600 mg/m³ | Workers | Systemic |
| | DNEL | Short term Inhalation | 900 mg/m³ | Workers | Systemic |
| | DNEL | Long term Dermal | 1161 mg/ kg bw/day | Workers | Systemic |

PNECs

No PNECs available.

8.2 Exposure controls

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin protection

Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. Recommended: 1 - 4 hours (breakthrough time): Protective gloves made of nitrile rubber (material thickness of 0,4 mm); EN 374-5 Cat. III 4 - 8 hours (breakthrough time): Protective gloves made of Viton®/ butyl rubber (material thickness of 0,7 mm); EN388 Cat.II / EN374 Cat.III / EN374-2

Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.

Date of issue/Date of revision : 10/24/2024 Date of previous issue : 9/11/2023 Version : 2 10/21

SECTION 8: Exposure controls/personal protection

Other skin protection : Appropriate footwear and any additional skin protection measures should be

selected based on the task being performed and the risks involved and should be

approved by a specialist before handling this product.

: Based on the hazard and potential for exposure, select a respirator that meets the Respiratory protection

appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: organic vapor (Type AX) and particulate filter

Environmental exposure

controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance

Physical state · Gas

Color Colorless.

Odor : Characteristic.

Odor threshold Not available. Melting point/freezing point : Not applicable.

Initial boiling point and

boiling range

: Not available.

Flammability : Highly flammable in the presence of the following materials or conditions: open

flames, sparks and static discharge.

Flammable in the presence of the following materials or conditions: heat.

Lower and upper explosion

limit

рH

: Lower: 1.5%

Flash point : Closed cup: Not applicable.

Auto-ignition temperature : Not applicable. **Decomposition temperature** : Not available.

Viscosity : Kinematic: Not applicable.

Not available.

Solubility in water : Not available.

Partition coefficient: n-octanol/ : Not applicable.

water

: Not applicable.

Vapor pressure : Not available. Relative density : Not applicable. : 0.699 g/cm³ Density Vapor density : Not available.

Particle characteristics

Median particle size : Not applicable.

9.2 Other information

9.2.1 Information with regard to physical hazard classes

: >200°C Fire point **Heat of combustion** : 6.49 kJ/g

Explosive properties Explosive in the presence of the following materials or conditions: open flames,

sparks and static discharge.

Date of issue/Date of revision : 10/24/2024 : 9/11/2023 Version : 2 11/21 Date of previous issue

RIEGLER Spray cleaner S

SECTION 9: Physical and chemical properties

Oxidizing properties : Not available.

Aerosol product

Type of aerosol : Spray

9.2.2 Other safety characteristicsMiscible with water : No.

SECTION 10: Stability and reactivity

10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability : The product is stable.

10.3 Possibility of hazardous reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid : Avoid all possible sources of ignition (spark or flame).

10.5 Incompatible materials : No specific data.

10.6 Hazardous decomposition products

: Under normal conditions of storage and use, hazardous decomposition products

should not be produced.

SECTION 11: Toxicological information

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

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|-------------------------|-------------|---------|-------------|----------|
| acetone | LD50 Oral | Rat | 5800 mg/kg | - |
| propan-2-ol | LD50 Dermal | Rabbit | 12800 mg/kg | - |
| | LD50 Oral | Rat | 5000 mg/kg | - |
| butanone | LD50 Dermal | Rabbit | 6480 mg/kg | - |
| | LD50 Oral | Rat | 2737 mg/kg | - |

Conclusion/Summary: Not available.

Acute toxicity estimates

| Product/ingredient name | Oral (mg/ kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapors) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|-------------------------|------------------|-------------------|--------------------------------|----------------------------------|--|
| acetone | 5800 | N/A | N/A | N/A | N/A |
| propan-2-ol | 5000 | 12800 | N/A | N/A | N/A |
| butanone | 2737 | 6480 | N/A | N/A | N/A |

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|-------------------------|--------------------------|---------|-------|-------------------|-------------|
| acetone | Eyes - Mild irritant | Human | - | 186300 ppm | - |
| | Eyes - Mild irritant | Rabbit | - | 10 uL | - |
| | Eyes - Moderate irritant | Rabbit | - | 24 hours 20 mg | - |
| | Eyes - Severe irritant | Rabbit | - | 20 mg | - |

Date of issue/Date of revision : 10/24/2024 Date of previous issue : 9/11/2023 Version : 2 12/21

RIEGLER Spray cleaner S

SECTION 11: Toxicological information

| | Skin - Mild irritant | Rabbit | - | 395 mg | - |
|-------------|--------------------------|--------|---|--------------------|---|
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 mg | - |
| propan-2-ol | Eyes - Moderate irritant | Rabbit | - | 10 mg | - |
| | Eyes - Moderate irritant | Rabbit | - | 24 hours 100 mg | - |
| | Eyes - Severe irritant | Rabbit | - | 100 mg | - |
| | Skin - Mild irritant | Rabbit | - | 500 mg | - |
| butanone | Skin - Mild irritant | Rabbit | - | 24 hours 14 mg | - |
| | Skin - Moderate irritant | Rabbit | - | 24 hours 500 mg | - |

Conclusion/Summary

: Not available.

Sensitization

Conclusion/Summary

: Not available.

Mutagenicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available. Specific target organ toxicity (single exposure)

| Product/ingredient name | Category | Route of exposure | Target organs |
|--|------------|-------------------|------------------|
| Hydrocarbons, C7, n-alkanes, iso-alkanes, cyclic | Category 3 | - | Narcotic effects |
| acetone | Category 3 | - | Narcotic effects |
| propan-2-ol | Category 3 | - | Narcotic effects |
| butanone | Category 3 | - | Narcotic effects |

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

| Product/ingredient name | Result |
|--|--------------------------------|
| Hydrocarbons, C7, n-alkanes, iso-alkanes, cyclic | ASPIRATION HAZARD - Category 1 |
| Orange, sweet, ext. | ASPIRATION HAZARD - Category 1 |

Information on the likely routes of exposure

: Not available.

Potential acute health effects

Eye contact : Causes serious eye irritation.

Inhalation : Can cause central nervous system (CNS) depression. May cause drowsiness or

dizziness.

Skin contact : Causes skin irritation.

Date of issue/Date of revision : 10/24/2024 : 9/11/2023 Date of previous issue Version :2 13/21

RIEGLER Spray cleaner S

SECTION 11: Toxicological information

Ingestion: Can cause central nervous system (CNS) depression.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: Adverse symptoms may include the following:

pain or irritation

watering redness

Inhalation : Adverse symptoms may include the following:

respiratory tract irritation

coughing

nausea or vomiting

headache

drowsiness/fatigue dizziness/vertigo unconsciousness

Skin contact: Adverse symptoms may include the following:

irritation redness

Ingestion: No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate

: Not available.

effects

Potential delayed effects : Not available.

Long term exposure

Potential immediate : Not available.

effects

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

Conclusion/Summary: Not available.

General : No known significant effects or critical hazards.
 Carcinogenicity : No known significant effects or critical hazards.
 Mutagenicity : No known significant effects or critical hazards.
 Teratogenicity : No known significant effects or critical hazards.
 Developmental effects : No known significant effects or critical hazards.
 Fertility effects : No known significant effects or critical hazards.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

11.2.2 Other information

Not available.

Date of issue/Date of revision : 10/24/2024 Date of previous issue : 9/11/2023 Version : 2 14/21

SECTION 12: Ecological information

12.1 Toxicity

| Product/ingredient name | Result | Species | Exposure |
|------------------------------|--------------------------------------|--|----------|
| acetone | Acute EC50 11493300 μg/l Fresh water | Algae - Navicula seminulum | 96 hours |
| | Acute EC50 11727900 μg/l Fresh water | Algae - Navicula seminulum | 96 hours |
| | Acute EC50 7200000 μg/l Fresh water | Algae - Selenastrum sp. | 96 hours |
| | Acute EC50 20.565 mg/l Marine water | Algae - <i>Ulva pertusa</i> | 96 hours |
| | Acute EC50 23.5 mg/l Fresh water | Daphnia - <i>Daphnia magna</i> | 48 hours |
| | Acute LC50 4.42589 ml/L Marine water | Crustaceans - <i>Acartia tonsa</i> - Copepodid | 48 hours |
| | Acute LC50 7550000 μg/l Fresh water | Crustaceans - Asellus aquaticus | 48 hours |
| | Acute LC50 8098000 μg/l Fresh water | Crustaceans - Ceriodaphnia dubia - Neonate | 48 hours |
| | Acute LC50 11.26487 ml/L Fresh water | Crustaceans - Gammarus pulex - Juvenile (Fledgling, Hatchling, Weanling) | 48 hours |
| | Acute LC50 6000000 μg/l Fresh water | Crustaceans - Gammarus pulex | 48 hours |
| | Acute LC50 7460000 μg/l Fresh water | Daphnia - <i>Daphnia cucullata</i> | 48 hours |
| | Acute LC50 7810000 μg/l Fresh water | Daphnia - <i>Daphnia cucullata</i> | 48 hours |
| | Acute LC50 10000 μg/l Fresh water | Daphnia - <i>Daphnia magna</i> | 48 hours |
| | Acute LC50 8800000 μg/l Fresh water | Daphnia - <i>Daphnia pulex</i> | 48 hours |
| | Acute LC50 8000 ppm Fresh water | Fish - Oncorhynchus mykiss | 96 hours |
| | Acute LC50 7280000 μg/l Fresh water | Fish - Pimephales promelas | 96 hours |
| | Acute LC50 8120000 μg/l Fresh water | Fish - Pimephales promelas | 96 hours |
| | Acute LC50 6210000 μg/l Fresh water | Fish - Pimephales promelas | 96 hours |
| | Acute LC50 5600 ppm Fresh water | Fish - Poecilia reticulata | 96 hours |
| | Chronic NOEC 0.5 ml/L Marine water | Algae - Karenia brevis | 96 hours |
| | Chronic NOEC 100 ul/L Marine water | Algae - Skeletonema costatum | 72 hours |
| | Chronic NOEC 100 ul/L Marine water | Algae - Skeletonema costatum | 96 hours |
| | Chronic NOEC 4.95 mg/l Marine water | Algae - <i>Ulva pertusa</i> | 96 hours |
| | Chronic NOEC 0.016 ml/L Fresh water | Crustaceans - <i>Daphniidae</i> | 21 days |
| | Chronic NOEC 0.1 ml/L Fresh water | Daphnia - <i>Daphnia magna</i> - Neonate | 21 days |
| | Chronic NOEC 5 µg/l Marine water | Fish - Gasterosteus aculeatus - Larvae | 42 days |
| sopropyl alcohol | Acute EC50 7550 mg/l Fresh water | Daphnia - <i>Daphnia magna</i> - Neonate | 48 hours |
| | Acute LC50 1400000 μg/l Marine water | Crustaceans - Crangon crangon | 48 hours |
| to of issue/Date of revision | : 10/24/2024 Date of previous issue | • 9/11/2023 Version | .2 15 |

Date of issue/Date of revision : 10/24/2024 Date of previous issue : 9/11/2023 Version : 2 15/21

RIEGLER Spray cleaner S

SECTION 12: Ecological information

| | Acute LC50 4200 mg/l Fresh water | Fish - Rasbora heteromorpha | 96 hours |
|----------|--------------------------------------|--|----------|
| butanone | Acute EC50 >500000 μg/l Marine water | Algae - Skeletonema costatum | 96 hours |
| | Acute EC50 5091000 μg/l Fresh water | Daphnia - <i>Daphnia magna</i> - Larvae | 48 hours |
| | Acute LC50 3220000 μg/l Fresh water | Fish - Pimephales promelas | 96 hours |

Conclusion/Summary: Not available.

12.2 Persistence and degradability

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|-------------------------|--------------|----------------|-----------|
| acetone | -0.23 | - | Low |
| Isopropyl alcohol | 0.05 | - | Low |
| Carbon dioxide, gas | 0.83 | - | Low |
| Orange, sweet, ext. | 2.78 to 4.88 | 1.502 to 2.597 | Low |
| butanone | 0.3 | - | Low |

12.4 Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

Methods of disposal

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste

: The classification of the product may meet the criteria for a hazardous waste.

Packaging

Date of issue/Date of revision : 10/24/2024 Date of previous issue : 9/11/2023 Version : 2 16/21

SECTION 13: Disposal considerations

Methods of disposal

: The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions

This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.

SECTION 14: Transport information

| | ADR/RID | ADN | IMDG | IATA |
|------------------------------------|----------|----------|----------|--|
| 14.1 UN number or ID number | UN1950 | UN1950 | UN1950 | UN1950 |
| 14.2 UN proper shipping name | AEROSOLS | AEROSOLS | AEROSOLS | Aerosols, flammable |
| 14.3 Transport hazard class(es) | 2 | 2 | 2.1 | 2.1 |
| 14.4 Packing group | - | - | - | - |
| 14.5 Environmental hazards | Yes. | Yes. | Yes. | Yes. The environmentally hazardous substance mark is not required. |

Additional information

ADR/RID

: The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.

Limited quantity 1 L

Special provisions 190, 327, 625, 344

Tunnel code (D)

ADR Classification Code: 5F

ADN The environmentally hazardous substance mark is not required when transported in

sizes of ≤5 L or ≤5 kg.

Special provisions 190, 327, 625, 344

The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg. **IMDG**

Emergency schedules F-D. S-U

Special provisions 63, 190, 277, 327, 344, 381, 959

The environmentally hazardous substance mark may appear if required by other **IATA**

transportation regulations.

Quantity limitation Passenger and Cargo Aircraft: 75 kg. Packaging instructions: 203. Cargo Aircraft Only: 150 kg. Packaging instructions: 203. Limited Quantities -

Passenger Aircraft: 30 kg. Packaging instructions: Y203.

Special provisions A145, A167, A802

user

14.6 Special precautions for : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in

the event of an accident or spillage.

14.7 Maritime transport in bulk according to IMO

instruments

: Not available.

Date of issue/Date of revision : 9/11/2023 : 10/24/2024 Version : 2 17/21 Date of previous issue

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>EU Regulation (EC) No. 1907/2006 (REACH)</u>

Annex XIV - List of substances subject to authorization

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

<u>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</u>

| Product/ingredient name | % | Designation [Usage] |
|-------------------------|---------|---------------------|
| butane | ≥3 - ≤5 | 40 |
| isobutane | ≥1 - ≤3 | 40 |

Labeling : Not applicable.

Other EU regulations

Industrial emissions : Listed

(integrated pollution prevention and control) -

Air

Industrial emissions : Not listed

(integrated pollution prevention and control) -

Water

Explosive precursors : Not applicable.

Ozone depleting substances (1005/2009/EU)

Not listed.

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

Not listed.

Persistent Organic Pollutants

Not listed.

Aerosol dispensers :

3



Extremely flammable

Seveso Directive

This product is controlled under the Seveso Directive.

Danger criteria

| Category |
|----------|
| Pγa |

E2

Annex VIIA - Labelling for Contents

IdentificationConcentrationaliphatic hydrocarbons30% and more(R)-p-mentha-1,8-dieneless than 5%

Date of issue/Date of revision : 10/24/2024 Date of previous issue : 9/11/2023 Version : 2 18/21

RIEGLER Spray cleaner S

SECTION 15: Regulatory information

VOC content : 97.44 % **VOC (g/L)** : 681.4

National regulations

| Product/ingredient name | List name | Name on list | Classification | Notes |
|-------------------------|---------------------|------------------------|----------------|-------|
| acetone | DFG MAC-values list | Acetone | RE2 | - |
| ethanol | DFG MAC-values list | Ethanol; Ethyl alcohol | K5, M5 | - |

Storage class (TRGS 510) : 2B Hazardous incident ordinance

This product is controlled under the Germany Hazardous Incident Ordinance.

Danger criteria

| Category | Reference number |
|----------|------------------|
| P3a | 1.2.3.1 |
| E2 | 1.3.2 |

Hazard class for water : 2

Technical instruction on

: TA-Luft Number 5.2.5: 54.2-100%

air quality control

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia : Not determined.
Canada : Not determined.
China : Not determined.

Eurasian Economic Union: Russian Federation inventory: Not determined.

Japan : Japan inventory (CSCL): Not determined.

Japan inventory (ISHL): Not determined.

New Zealand : Not determined. **Philippines** Not determined. Republic of Korea Not determined. **Taiwan** : Not determined. **Thailand** : Not determined. **Turkey** Not determined. **United States** : Not determined. **Viet Nam** Not determined.

15.2 Chemical Safety

: This product contains substances for which Chemical Safety Assessments are still

Assessment required.

 Date of issue/Date of revision
 : 10/24/2024
 Date of previous issue
 : 9/11/2023
 Version
 : 2
 19/21

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and

acronyms

: ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.

1272/2008]

DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

N/A = Not available

PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number

SGG = Segregation Group

vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification | Justification |
|-------------------------|-----------------------|
| Aerosol 1, H222, H229 | On basis of test data |
| Skin Irrit. 2, H315 | Calculation method |
| Eye Irrit. 2, H319 | Calculation method |
| STOT SE 3, H336 | Calculation method |
| Aquatic Chronic 2, H411 | Calculation method |

Full text of abbreviated H statements

| H220 | Extremely flammable gas. |
|------------|--|
| H222, H229 | Extremely flammable aerosol. Pressurized container: may burst if |
| | heated. |
| H225 | Highly flammable liquid and vapor. |
| H226 | Flammable liquid and vapor. |
| H280 | Contains gas under pressure; may explode if heated. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

Full text of classifications [CLP/GHS]

Aerosol 1 **AEROSOLS - Category 1** Aquatic Chronic 2 AQUATIC HAZARD (LONG-TERM) - Category 2 Asp. Tox. 1 ASPIRATION HAZARD - Category 1 Eye Irrit. 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 Flam. Gas 1A FLAMMABLE GASES - Category 1A Flam. Liq. 2 FLAMMABLE LIQUIDS - Category 2 Flam. Liq. 3 FLAMMABLE LIQUIDS - Category 3 Press. Gas (Comp.) GASES UNDER PRESSURE - Compressed gas Skin Irrit. 2 SKIN CORROSION/IRRITATION - Category 2 Skin Sens. 1 SKIN SENSITIZATION - Category 1 STOT SE 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) -Category 3

Date of printing : 10/24/2024 **Date of issue/ Date of** : 10/24/2024

revision

Date of previous issue : 9/11/2023

Version : 2

Notice to reader

Date of issue/Date of revision : 10/24/2024 Date of previous issue : 9/11/2023 Version : 2 20/21

RIEGLER Spray cleaner S

SECTION 16: Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Date of issue/Date of revision : 10/24/2024 Date of previous issue : 9/11/2023 Version : 2 21/21