

**Safety Data Sheet**

according to UK REACH Regulation

**WS-Nirosta-Spray**

Revision date: 13.03.2025

Product code: 3200

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

WS-Nirosta-Spray

UFI: XNV5-89Q3-MVJ4-PRCU

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**industrial paint  
Paint, Varnish.**Uses advised against**

Do not use for products which come into contact with the food stuffs.

**1.3. Details of the supplier of the safety data sheet**

|                         |                                         |                           |
|-------------------------|-----------------------------------------|---------------------------|
| Company name:           | W+S GmbH Lackchemie und Aerosol-Technik |                           |
| Street:                 | Am Sportplatz 5                         |                           |
| Place:                  | D-63791 Karlstein-Dettingen             |                           |
| Telephone:              | +49 6188 9575-0                         | Telefax: +49 6188 9575-30 |
| E-mail:                 | info@ws-lackchemie.de                   |                           |
| Contact person:         | Abt. Produkt / Sicherheit               |                           |
| Responsible Department: | Abt. Produkt / Sicherheit               |                           |

**1.4. Emergency telephone number:** +49 551-19240 GIZ-Nord Poisons Centre**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

Hazard categories:  
Aerosols: Aerosol 3  
Serious eye damage/eye irritation: Eye Irrit. 2  
Respiratory or skin sensitisation: Skin Sens. 1  
Specific target organ toxicity - single exposure: STOT SE 3  
Hazardous to the aquatic environment: Aquatic Chronic 3  
Hazard Statements:  
Extremely flammable aerosol.  
Pressurised container: May burst if heated.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
May cause drowsiness or dizziness.  
Harmful to aquatic life with long lasting effects.

**2.2. Label elements****GB CLP Regulation****Hazard components for labelling**acetone; propan-2-one; propanone  
ethyl acetate  
1-methoxy-2-propanol; monopropylene glycol methyl ether**Signal word:** Danger**Pictograms:**

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**Hazard statements**

|      |                                                    |
|------|----------------------------------------------------|
| H222 | Extremely flammable aerosol.                       |
| H229 | Pressurised container: May burst if heated.        |
| H319 | Causes serious eye irritation.                     |
| H317 | May cause an allergic skin reaction.               |
| H336 | May cause drowsiness or dizziness.                 |
| H412 | Harmful to aquatic life with long lasting effects. |

**Precautionary statements**

|           |                                                                                                |
|-----------|------------------------------------------------------------------------------------------------|
| P211      | Do not spray on an open flame or other ignition source.                                        |
| P210      | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P251      | Do not pierce or burn, even after use.                                                         |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.                   |
| P261      | Avoid breathing dust/fume/gas/mist/vapours/spray.                                              |
| P271      | Use only outdoors or in a well-ventilated area.                                                |
| P102      | Keep out of reach of children.                                                                 |

**Special labelling of certain mixtures**

|        |                                                            |
|--------|------------------------------------------------------------|
| EUH208 | Contains nickel, Chrome. May produce an allergic reaction. |
|--------|------------------------------------------------------------|

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Aerosole

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**Relevant ingredients**

| CAS No     | Chemical name                                                                |              |          | Quantity    |
|------------|------------------------------------------------------------------------------|--------------|----------|-------------|
|            | EC No                                                                        | Index No     | REACH No |             |
|            | Classification (GB CLP Regulation)                                           |              |          |             |
| 106-97-8   | butane                                                                       |              |          | 20 - < 25 % |
|            | 203-448-7                                                                    | 601-004-00-0 |          |             |
|            | Flam. Gas 1; H220                                                            |              |          |             |
| 74-98-6    | propane                                                                      |              |          | 15 - < 20 % |
|            | 200-827-9                                                                    | 601-003-00-5 |          |             |
|            | Flam. Gas 1; H220                                                            |              |          |             |
| 67-64-1    | acetone; propan-2-one; propanone                                             |              |          | 15 - < 20 % |
|            | 200-662-2                                                                    | 606-001-00-8 |          |             |
|            | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066                 |              |          |             |
| 141-78-6   | ethyl acetate                                                                |              |          | 10 - < 15 % |
|            | 205-500-4                                                                    | 607-022-00-5 |          |             |
|            | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066                 |              |          |             |
| 1330-20-7  | xylene                                                                       |              |          | 5 - < 10 %  |
|            | 215-535-7                                                                    | 601-022-00-9 |          |             |
|            | Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2; H226 H332 H312 H315 |              |          |             |
| 64742-95-6 | Lösemittelnaphta (Erdöl), Benzolgehalt < 0,1%                                |              |          | 1 - < 5 %   |
|            | Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H304 H411                 |              |          |             |
| 107-98-2   | 1-methoxy-2-propanol; monopropylene glycol methyl ether                      |              |          | 1 - < 5 %   |
|            | 203-539-1                                                                    | 603-064-00-3 |          |             |
|            | Flam. Liq. 3, STOT SE 3; H226 H336                                           |              |          |             |
| 108-65-6   | 2-methoxy-1-methylethyl acetate                                              |              |          | 1 - < 5 %   |
|            | 203-603-9                                                                    | 607-195-00-7 |          |             |
|            | Flam. Liq. 3; H226                                                           |              |          |             |
| 7440-02-0  | nickel                                                                       |              |          | < 1 %       |
|            | 231-111-4                                                                    | 028-002-00-7 |          |             |
|            | Carc. 2, Skin Sens. 1, STOT RE 1; H351 H317 H372                             |              |          |             |
| 7440-47-3  | Chrome                                                                       |              |          | < 1 %       |
|            | 231-157-5                                                                    |              |          |             |
|            | Skin Sens. 1; H317                                                           |              |          |             |

Full text of H and EUH statements: see section 16.

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**Specific Conc. Limits, M-factors and ATE**

| CAS No                                   | EC No     | Chemical name                                                                                              | Quantity    |
|------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------|-------------|
| Specific Conc. Limits, M-factors and ATE |           |                                                                                                            |             |
| 106-97-8                                 | 203-448-7 | butane                                                                                                     | 20 - < 25 % |
|                                          |           | inhalation: LC50 = 658 ppm (gases)                                                                         |             |
| 67-64-1                                  | 200-662-2 | acetone; propan-2-one; propanone                                                                           | 15 - < 20 % |
|                                          |           | inhalation: LC50 = 76 mg/l (vapours); dermal: LD50 = 20000 mg/kg; oral: LD50 = 5800 mg/kg                  |             |
| 1330-20-7                                | 215-535-7 | xylene                                                                                                     | 5 - < 10 %  |
|                                          |           | inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: ATE = 1100 mg/kg |             |
| 64742-95-6                               |           | Lösemittelnaphta (Erdöl), Benzolgehalt < 0,1%                                                              | 1 - < 5 %   |
|                                          |           | dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg                                                       |             |
| 107-98-2                                 | 203-539-1 | 1-methoxy-2-propanol; monopropylene glycol methyl ether                                                    | 1 - < 5 %   |
|                                          |           | dermal: LD50 = 11000 mg/kg; oral: LD50 = > 5000 mg/kg                                                      |             |
| 108-65-6                                 | 203-603-9 | 2-methoxy-1-methylethyl acetate                                                                            | 1 - < 5 %   |
|                                          |           | dermal: LD50 = 7500 mg/kg; oral: LD50 = 8532 mg/kg                                                         |             |
| 7440-02-0                                | 231-111-4 | nickel                                                                                                     | < 1 %       |
|                                          |           | oral: LD50 = > 9000 mg/kg                                                                                  |             |

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). No administration in cases of unconsciousness or cramps.

**After inhalation**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Provide fresh air. In case of breathing difficulties administer oxygen. Medical treatment necessary. Put victim at rest, cover with a blanket and keep warm. If victim is at risk of losing consciousness, position and transport on their side.

**After contact with skin**

Wash with plenty of water. Medical treatment necessary. Take off immediately all contaminated clothing, including underwear and shoes. Wash thoroughly the body (shower or bath).

**After contact with eyes**

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

**After ingestion**

Call a physician immediately. Do NOT induce vomiting. Give nothing to eat or drink.

Caution if victim vomits: Risk of aspiration!

**4.2. Most important symptoms and effects, both acute and delayed**

Frequently or prolonged contact with skin may cause dermal irritation.

**4.3. Indication of any immediate medical attention and special treatment needed**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

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**Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>). Foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Dry extinguishing powder. Foam.

**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

Heating causes rise in pressure with risk of bursting. Combustible. Vapours may form explosive mixtures with air. In case of fire and/or explosion do not breathe fumes.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

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

Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment. See protective measures under point 7 and 8.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Explosion hazard.

**6.3. Methods and material for containment and cleaning up****Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

See protective measures under point 7 and 8.

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

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Keep away from sources of ignition - No smoking. Flammable vapours can accumulate in head space of closed systems. Caution! Transport usually takes place at temperatures above the flash point.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.

**Advice on general occupational hygiene**

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Keep container in a well-ventilated place. Keep container tightly closed in a cool, well-ventilated place.

**Hints on joint storage**

Do not store together with: Material, rich in oxygen, oxidizing.

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**Further information on storage conditions**

Protect against: heat.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

| CAS No    | Substance               | ppm  | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|-----------|-------------------------|------|-------------------|-----------|---------------|--------|
| 107-98-2  | 1-Methoxypropan-2-ol    | 100  | 375               |           | TWA (8 h)     | WEL    |
|           |                         | 150  | 560               |           | STEL (15 min) | WEL    |
| 108-65-6  | 1-Methoxypropyl acetate | 50   | 274               |           | TWA (8 h)     | WEL    |
|           |                         | 100  | 548               |           | STEL (15 min) | WEL    |
| 67-64-1   | Acetone                 | 500  | 1210              |           | TWA (8 h)     | WEL    |
|           |                         | 1500 | 3620              |           | STEL (15 min) | WEL    |
| 106-97-8  | Butane                  | 600  | 1450              |           | TWA (8 h)     | WEL    |
|           |                         | 750  | 1810              |           | STEL (15 min) | WEL    |
| 7440-47-3 | Chromium                | -    | 0.5               |           | TWA (8 h)     | WEL    |
| 141-78-6  | Ethyl acetate           | 200  | 734               |           | TWA (8 h)     | WEL    |
|           |                         | 400  | 1468              |           | STEL (15 min) | WEL    |
| 1330-20-7 | Xylene: mixed isomers   | 50   | 220               |           | TWA (8 h)     | WEL    |
|           |                         | 100  | 441               |           | STEL (15 min) | WEL    |

**Biological Monitoring Guidance Values (EH40)**

| CAS No    | Substance                           | Parameter                         | Value        | Test material | Sampling time |
|-----------|-------------------------------------|-----------------------------------|--------------|---------------|---------------|
| 1330-20-7 | Xylene, o-, m-, p- or mixed isomers | methyl hippuric acid (creatinine) | 650 mmol/mol | urine         | Post shift    |

**Additional advice on limit values**

source:

**8.2. Exposure controls****Appropriate engineering controls**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Refer to chapter 7. No further action is necessary.

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

Suitable eye protection: Goggles.

**Hand protection**

Tested protective gloves are to be worn:  
Suitable material: NBR (Nitrile rubber), Butyl rubber.  
Thickness of glove material: >0,4mm  
penetration time (maximum wearing period): >480min  
DIN-/EN-Norms EN ISO 374

**Skin protection**

Additional body protection measures: Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500. Do not eat, drink, smoke or sneeze at the workplace. Avoid contact with skin, eyes and clothes. Wash hands before breaks and after work. Set out skin protection guidelines.

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**Respiratory protection**

Filtering device (full mask or mouthpiece) with filter:

**Environmental exposure controls**

Refer to chapter 7 No further action is necessary.

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

|                  |                |
|------------------|----------------|
| Physical state:  | Aerosol        |
| Colour:          | silver         |
| Odour:           | characteristic |
| Odour threshold: | not determined |

|                                                           |                         |                 |
|-----------------------------------------------------------|-------------------------|-----------------|
| Boiling point or initial boiling point and boiling range: | -42 °C                  | Test method     |
| Lower explosion limits:                                   | 0,8 vol. %              |                 |
| Upper explosion limits:                                   | 8,2 vol. %              |                 |
| Flash point:                                              | -4 °C                   | DIN EN ISO 1523 |
| Auto-ignition temperature:                                | 273 °C                  | DIN 51794       |
| Vapour pressure:<br>(at 20 °C)                            | 3,2 hPa                 | DIN EN 12       |
| Density (at 20 °C):                                       | 0,753 g/cm <sup>3</sup> |                 |

**9.2. Other information****Information with regard to physical hazard classes**

Self-ignition temperature

Gas:

Propan / Butan

**Other safety characteristics**

|                  |                       |
|------------------|-----------------------|
| Solvent content: | VOCV (CH): 84,676 %   |
|                  | VOC (EU): 639,869 g/l |
| Solid content:   | 15,02 %               |
| Flow time:       | < 30 (3 mm)           |

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

**10.2. Chemical stability**

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

**10.3. Possibility of hazardous reactions**

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

**10.4. Conditions to avoid**

Keep away from heat. Ignition hazard. Danger of bursting container.

**10.5. Incompatible materials**

Reacts with : Alkalies (alkalis). Oxidizing agents.

**10.6. Hazardous decomposition products**

Thermal decomposition can lead to the escape of irritating gases and vapors.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation**

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**Acute toxicity**

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

**ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

| CAS No     | Chemical name                                           |                   |         |        |        |  |
|------------|---------------------------------------------------------|-------------------|---------|--------|--------|--|
|            | Exposure route                                          | Dose              | Species | Source | Method |  |
| 106-97-8   | butane                                                  |                   |         |        |        |  |
|            | inhalation (4 h) gas                                    | LC50 658 ppm      | Rat     | GESTIS |        |  |
| 67-64-1    | acetone; propan-2-one; propanone                        |                   |         |        |        |  |
|            | oral                                                    | LD50 mg/kg 5800   | Rat     | RTECS  |        |  |
|            | dermal                                                  | LD50 mg/kg 20000  | Rabbit  | IUCLID |        |  |
|            | inhalation (4 h) vapour                                 | LC50 76 mg/l      | Rat     |        |        |  |
| 1330-20-7  | xylene                                                  |                   |         |        |        |  |
|            | dermal                                                  | ATE mg/kg 1100    |         |        |        |  |
|            | inhalation vapour                                       | ATE 11 mg/l       |         |        |        |  |
|            | inhalation dust/mist                                    | ATE 1,5 mg/l      |         |        |        |  |
| 64742-95-6 | Lösemittelnaphta (Erdöl), Benzolgehalt < 0,1%           |                   |         |        |        |  |
|            | oral                                                    | LD50 mg/kg >2000  | Rat     |        |        |  |
|            | dermal                                                  | LD50 mg/kg >2000  | Rabbit  |        |        |  |
| 107-98-2   | 1-methoxy-2-propanol; monopropylene glycol methyl ether |                   |         |        |        |  |
|            | oral                                                    | LD50 mg/kg > 5000 | Rat     | IUCLID |        |  |
|            | dermal                                                  | LD50 mg/kg 11000  | Rabbit  |        |        |  |
| 108-65-6   | 2-methoxy-1-methylethyl acetate                         |                   |         |        |        |  |
|            | oral                                                    | LD50 mg/kg 8532   | Rat     | RTECS  |        |  |
|            | dermal                                                  | LD50 mg/kg 7500   | Rabbit  |        |        |  |
| 7440-02-0  | nickel                                                  |                   |         |        |        |  |
|            | oral                                                    | LD50 mg/kg > 9000 | Rat     |        |        |  |

**Irritation and corrosivity**

Caution if victim vomits: Risk of aspiration! Preparation not tested.

**Sensitising effects**

Preparation not tested.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Preparation not tested.

**STOT-repeated exposure**

Has de-greasing effect on the skin. Frequently or prolonged contact with skin may cause dermal irritation.  
Preparation not tested.

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**Specific effects in experiment on an animal**

Preparation not tested.

**Additional information on tests**

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

**11.2. Information on other hazards****Further information**

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

**SECTION 12: Ecological information****12.1. Toxicity**

Aquatic toxicity

Harmful for Water fleas.

| CAS No    | Chemical name                                           |                        |           |                           |        |        |
|-----------|---------------------------------------------------------|------------------------|-----------|---------------------------|--------|--------|
|           | Aquatic toxicity                                        | Dose                   | [h]   [d] | Species                   | Source | Method |
| 67-64-1   | acetone; propan-2-one; propanone                        |                        |           |                           |        |        |
|           | Acute fish toxicity                                     | LC50 5540 mg/l         | 96 h      | Onchorhynchus mykiss      |        |        |
|           | Acute crustacea toxicity                                | EC50 6100 mg/l         | 48 h      | Daphnia magna             |        |        |
| 107-98-2  | 1-methoxy-2-propanol; monopropylene glycol methyl ether |                        |           |                           |        |        |
|           | Acute fish toxicity                                     | LC50 4600 - 10000 mg/l | 96 h      | Leuciscus idus            | IUCLID |        |
|           | Acute algae toxicity                                    | ErC50 > 1000 mg/l      | 72 h      | Selenastrum capricornutum |        |        |
|           | Acute crustacea toxicity                                | EC50 > 500 mg/l        | 48 h      | Daphnia magna             | IUCLID |        |
| 108-65-6  | 2-methoxy-1-methylethyl acetate                         |                        |           |                           |        |        |
|           | Acute fish toxicity                                     | LC50 161 mg/l          | 96 h      | Pimephales promelas       |        |        |
|           | Acute crustacea toxicity                                | EC50 408 mg/l          | 48 h      | Daphnia magna             |        |        |
| 7440-02-0 | nickel                                                  |                        |           |                           |        |        |
|           | Acute fish toxicity                                     | LC50 > 100 mg/l        | 96 h      | Danio rerio               |        |        |
|           | Acute algae toxicity                                    | ErC50 100 mg/l         | 72 h      | Selenastrum capricornutum |        |        |
|           | Acute crustacea toxicity                                | EC50 > 100 mg/l        | 48 h      | Daphnia magna             |        |        |

**12.2. Persistence and degradability**

No data available

**12.3. Bioaccumulative potential**

No data available

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**Partition coefficient n-octanol/water**

| CAS No   | Chemical name                                           | Log Pow |
|----------|---------------------------------------------------------|---------|
| 106-97-8 | butane                                                  | 2,89    |
| 74-98-6  | propane                                                 | 2,36    |
| 67-64-1  | acetone; propan-2-one; propanone                        | -0,24   |
| 107-98-2 | 1-methoxy-2-propanol; monopropylene glycol methyl ether | -0,437  |
| 108-65-6 | 2-methoxy-1-methylethyl acetate                         | 0,43    |

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

No data available

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No data available

**Further information**

Do not allow to enter into surface water or drains. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC). Do not allow uncontrolled leakage of product into the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable legislation.

**List of Wastes Code - residues/unused products**

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

**List of Wastes Code - used product**

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

**Contaminated packaging**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****Land transport (ADR/RID)****14.1. UN number or ID number:**

UN 1950

**14.2. UN proper shipping name:**

DRUCKGASPACKUNGEN, entzündbar

**14.3. Transport hazard class(es):**

2

**14.4. Packing group:**

-

Hazard label:

2.1



Classification code:

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Special Provisions: 190 327 344 625  
Limited quantity: 1 L  
Excepted quantity: E0  
Transport category: 2  
Tunnel restriction code: D

**Other applicable information (land transport)**

: 190 - 327 - 625

: 2

: D

**Inland waterways transport (ADN)**

**14.1. UN number or ID number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
Hazard label: 2.1



Classification code: 5F  
Special Provisions: 190 327 344 625  
Limited quantity: 1 L  
Excepted quantity: E0

**Other applicable information (inland waterways transport)**

: 190 327 625

**Marine transport (IMDG)**

**14.1. UN number or ID number:** UN 1950  
**14.2. UN proper shipping name:** Aerosols, flammable  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
Hazard label: 2.1



Special Provisions: 63, 190, 277, 327, 344, 381, 959  
Limited quantity: 1000 mL  
Excepted quantity: E0  
EmS: F-D, S-U

**Other applicable information (marine transport)**

: 63, 190, 277, 327, 959

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number or ID number:** UN 1950  
**14.2. UN proper shipping name:** Aerosols, flammable  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** II  
Hazard label: 2.1



Special Provisions: A145 A167 A802  
Limited quantity Passenger: 30 kg G  
Passenger LQ: Y203  
Excepted quantity: E0

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|                                        |        |
|----------------------------------------|--------|
| IATA-packing instructions - Passenger: | 203    |
| IATA-max. quantity - Passenger:        | 75 kg  |
| IATA-packing instructions - Cargo:     | 204    |
| IATA-max. quantity - Cargo:            | 150 kg |

**Other applicable information (air transport)**

: A1

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 27, Entry 28, Entry 40, Entry 75

|                                                         |                                              |
|---------------------------------------------------------|----------------------------------------------|
| Directive 2004/42/EC on VOC in<br>paints and varnishes: | VOCV (CH): 84,676 %<br>VOC (EU): 639,869 g/l |
|---------------------------------------------------------|----------------------------------------------|

Marketing and use of explosives precursors (Regulation (EU) 2019/1148):

This product is regulated by Regulation (EU) 2019/1148: all suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point.

**National regulatory information**

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D):

2 - obviously hazardous to water

**15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

**SECTION 16: Other information****Abbreviations and acronyms**

Flam. Gas: Flammable gases

Flam. Liq: Flammable liquids

Acute Tox: Acute toxicity

Asp. Tox: Aspiration hazard

Skin Irrit: Skin irritation

Eye Irrit: Eye irritation

Skin Sens: Skin sensitisation

Carc: Carcinogenicity

STOT SE: Specific target organ toxicity - single exposure

STOT RE: Specific target organ toxicity - repeated exposure

Aquatic Chronic: Chronic aquatic hazard

**Relevant H and EUH statements (number and full text)**

|      |                                               |
|------|-----------------------------------------------|
| H220 | Extremely flammable gas.                      |
| H222 | Extremely flammable aerosol.                  |
| H225 | Highly flammable liquid and vapour.           |
| H226 | Flammable liquid and vapour.                  |
| H229 | Pressurised container: May burst if heated.   |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin.                 |
| H315 | Causes skin irritation.                       |
| H317 | May cause an allergic skin reaction.          |
| H319 | Causes serious eye irritation.                |
| H332 | Harmful if inhaled.                           |

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|        |                                                                 |
|--------|-----------------------------------------------------------------|
| H336   | May cause drowsiness or dizziness.                              |
| H351   | Suspected of causing cancer.                                    |
| H372   | Causes damage to organs through prolonged or repeated exposure. |
| H411   | Toxic to aquatic life with long lasting effects.                |
| H412   | Harmful to aquatic life with long lasting effects.              |
| EUH066 | Repeated exposure may cause skin dryness or cracking.           |
| EUH208 | Contains nickel, Chrome. May produce an allergic reaction.      |

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*