

INOX SPRAY

| | | | |
|---------------|-------------------|---------|-----|
| Creation date | 15. October 2015 | Version | 1.1 |
| Revision date | 10. November 2017 | | |

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

- 1.1. Product identifier**
Substance / mixture INOX SPRAY
Number 1 35000
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
mixture's intended use Dye.
Disapproved uses of mixture For professional use only.
- 1.3. Details of the supplier of the safety data sheet**
Supplier
Name or trade name RETECH, s.r.o.
Address Vackova 1541/4, Praha 5 - Stodůlky, 155 00
Czech Republic
Identification number (ID) 25018205
Phone +420327596428
E-mail info@retech.cz
Web address www.retech.com
- Competent person responsible for the safety data sheet**
Name RETECH, s.r.o.
E-mail info@retech.cz
- 1.4. Emergency telephone number**
National Health Service (NHS) 111
National poisoning information centre Scotland, NHS 24: 111
RETECH, Suchdol 212, 285 02 Suchdol u Kutné Hory, Czech Republic; Telephone number: +420 327 596 128 (7.30-16.00 hour)

SECTION 2: Hazards identification

- 2.1. Substance or mixture classification**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008
The mixture is classified as dangerous.

Aerosol 1, H222, H229
Asp. Tox. 1, H304
Eye Irrit. 2, H319
STOT SE 3, H336
Aquatic Chronic 3, H412

Full text of all classifications and H-phrases is given in the section 16.

Most serious adverse physico-chemical effects

Flammable liquid and vapour.

Most serious adverse effects on human health and the environment

May be fatal if swallowed and enters airways.

- 2.2. Label elements**
Hazard pictogram

**Signal word**

Danger

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Hazardous substances

acetone
hydrocarbons, C9, aromatics
ethyl acetate

Hazard statements

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

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P261 Avoid breathing vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/eye protection/face protection.
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 container to in accordance with national regulations.

Supplemental information

EUH 066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

| Identification numbers | Substance name | Content in % weight | Classification according to Regulation (EC) No 1272/2008 | Note. |
|---------------------------------------------------------------------------|------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------|-------|
| CAS: 67-64-1 EC: 200-662-2 Registration number: 01-2119471330-49 | acetone | 25-50 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 | 1 |
| CAS: 75-28-5 EC: 200-857-2 Registration number: 01-2119485395-27 | isobutane (containing < 0,1 % butadiene (203-450-8)) | 10-20 | Flam. Gas 1, H220 Press. Gas, H280 | |
| EC: 918-668-5 Registration number: 01-2119455851-35 | hydrocarbons, C9, aromatics | 10-20 | Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H335, H336 Aquatic Chronic 2, H411 | |

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| Identification numbers | Substance name | Content in % weight | Classification according to Regulation (EC) No 1272/2008 | Note. |
|-----------------------------------------------------------------------------|---------------------------------------------------|---------------------|-----------------------------------------------------------------------|-------|
| CAS: 74-98-6 EC: 200-827-9 Registration number: 01-2119486944-21 | propane | 10-20 | Flam. Gas 1, H220 Press. Gas, H280 | |
| CAS: 1330-20-7 EC: 215-535-7 Registration number: 01-2119488216-32 | xylene (mixture of isomers) | 2,5-10 | Flam. Liq. 3, H226 Acute Tox. 4, H312, H332 Skin Irrit. 2, H315 | 1 |
| CAS: 106-97-8 EC: 203-448-7 Registration number: 01-2119474691-32 | butane (containing < 0,1 % butadiene (203-450-8)) | 2,5-10 | Flam. Gas 1, H220 Press. Gas, H280 | |
| CAS: 141-78-6 EC: 205-500-4 Registration number: 01-2119475103-46 | ethyl acetate | 1,0-2,5 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 | |

Notes

1 Substance for which exposure limits of Community for working environment exist.

Full text of all classifications and H-phrases is given in the section 16.

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

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

Inhalation

Transfer the affected person to the fresh air and ensure calm environment for body and mind. In the event of issues, find medical advice.

Skin contact

Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothes immediately.

Eye contact

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. In the event of issues, find medical advice.

Ingestion

DO NOT INDUCE VOMITING! Provide medical treatment.

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

Breathing problems, dizziness, headaches, nausea.

Skin contact

not available

Eye contact

not available

Ingestion

not available

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

If swallowed or in case of vomiting, danger of entering the lungs. Subsequent observation for pneumonia and pulmonary oedema.

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

Carbon dioxide, foam, powder.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

Vapours mixed up with air can be explosive. In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise.

5.3. Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water. Dispose of contaminated extinguishing water and remains after the fire in accordance with the official regulations.

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

Provide sufficient ventilation. Use personal protective equipment for work. Keep unprotected persons away. Remove all ignition sources.

6.2. Environmental precautions

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.

6.3. Methods and material for containment and cleaning up

Provide sufficient ventilation. Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13.

6.4. Reference to other sections

See the Section 7, 8 and 13.

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

Ensure good ventilation/exhaustion at the workplace. Prevent contact with skin and eyes. Do not spray on an open flame or other ignition source. The product should be used only in the areas where it is not in contact with open fire and other ignition sources. No smoking. Take precautionary measures against static discharge. Pressurised container: May burst if heated. Keep away from sources of heating, ignition and direct sunlight. Do not pierce or burn, even after use.

7.2. Conditions for safe storage, including any incompatibilities

Keep cool. Observe official regulations on storing packagings with pressurized containers.

Storage class

2B - Aerosols

The specific requirements or rules relating to the substance/mixture

Keep away from sources of heating, ignition and direct sunlight.

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

The mixture contains substances for which occupational exposure limits are set.

European Union

| Substance name (component) | Type | Time of exposure | Value | Note | Source |
|----------------------------|------|------------------|------------------------|------|-----------|
| acetone (CAS: 67-64-1) | OEL | 8 hours | 1210 mg/m ³ | | EU limits |
| | OEL | 8 hours | 500 ppm | | |

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European Union

| Substance name (component) | Type | Time of exposure | Value | Note | Source |
|-------------------------------------------------|------|------------------|-----------------------|------|-----------|
| xylene (mixture of isomers) (CAS: 1330-20-7) | OEL | 8 hours | 221 mg/m ³ | | EU limits |
| | OEL | 8 hours | 50 ppm | | |
| | OEL | Short-term | 442 mg/m ³ | | |
| | OEL | Short-term | 100 ppm | | |

United Kingdom of Great Britain and Northern Ireland

| Substance name (component) | Type | Time of exposure | Value | Note | Source |
|-------------------------------------------------------------------------|------|------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| acetone (CAS: 67-64-1) | WEL | 8 hours | 1210 mg/m ³ | | GBR |
| | WEL | 15 minutes | 3620 mg/m ³ | | |
| | WEL | 8 hours | 500 ppm | | |
| | WEL | 15 minutes | 1500 ppm | | |
| xylene (mixture of isomers) (CAS: 1330-20-7) | WEL | 8 hours | 220 mg/m ³ | Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. | GBR |
| | WEL | 15 minutes | 441 mg/m ³ | Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. | |
| | WEL | 8 hours | 50 ppm | Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. | |
| | WEL | 15 minutes | 100 ppm | Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. | |
| butane (containing < 0,1 % butadiene (203-450-8)) (CAS: 106-97-8) | WEL | 8 hours | 600 ppm | | GBR |
| | WEL | 8 hours | 1450 mg/m ³ | | |
| | WEL | 15 minutes | 1810 mg/m ³ | | |
| | WEL | 15 minutes | 750 ppm | | |

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United Kingdom of Great Britain and Northern Ireland

| Substance name (component) | Type | Time of exposure | Value | Note | Source |
|-------------------------------|------|------------------|---------|------|--------|
| ethyl acetate (CAS: 141-78-6) | WEL | 8 hours | 200 ppm | | GBR |
| | WEL | 15 minutes | 400 ppm | | |

DNEL

acetone

| Workers / consumers | Route of exposure | Value | Effect | Determining the value of |
|---------------------|-------------------|------------------------|--------------------------|--------------------------|
| Consumers | Oral | 62 mg/kg bw/day | Systemic chronic effects | |
| Consumers | Dermal | 62 mg/kg bw/day | Systemic chronic effects | |
| Workers | Dermal | 186 mg/kg bw/day | Systemic chronic effects | |
| Workers | Inhalation | 2420 mg/m ³ | Local acute effects | |
| Consumers | Inhalation | 200 mg/m ³ | Systemic chronic effects | |
| Workers | Inhalation | 1210 mg/m ³ | Systemic chronic effects | |

ethyl acetate

| Workers / consumers | Route of exposure | Value | Effect | Determining the value of |
|---------------------|-------------------|------------------------|--------------------------|--------------------------|
| Workers | Inhalation | 734 mg/m ³ | Systemic chronic effects | |
| Workers | Inhalation | 1468 mg/m ³ | Systemic acute effects | |
| Workers | Dermal | 63 mg/kg bw/day | Systemic chronic effects | |
| Consumers | Inhalation | 367 mg/m ³ | Systemic chronic effects | |
| Consumers | Inhalation | 734 mg/m ³ | Systemic acute effects | |
| Consumers | Dermal | 37 mg/kg bw/day | Systemic chronic effects | |
| Consumers | Oral | 4.5 mg/kg bw/day | Systemic chronic effects | |

xylene (mixture of isomers)

| Workers / consumers | Route of exposure | Value | Effect | Determining the value of |
|---------------------|-------------------|------------------------|--------------------------|--------------------------|
| Workers | Inhalation | 221 mg/m ³ | Systemic chronic effects | |
| Workers | Dermal | 212 mg/kg bw/day | Systemic chronic effects | |
| Consumers | Inhalation | 65.3 mg/m ³ | Systemic chronic effects | |
| Consumers | Dermal | 125 mg/kg bw/day | Systemic chronic effects | |
| Consumers | Oral | 12.5 mg/kg bw/day | Systemic chronic effects | |

PNEC

acetone

| Route of exposure | Value | Determining the value of |
|---------------------|------------|--------------------------|
| Freshwater sediment | 30.4 mg/kg | |

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acetone

| Route of exposure | Value | Determining the value of |
|-----------------------------------------------|------------|--------------------------|
| Seawater | 1.06 mg/l | |
| Sea sediments | 3.04 mg/kg | |
| Soil (agricultural) | 29.5 mg/kg | |
| Freshwater environment | 10.6 mg/l | |
| Microorganisms in wastewater treatment plants | 100 mg/l | |

ethyl acetate

| Route of exposure | Value | Determining the value of |
|-----------------------------------------------|------------------------------------------|--------------------------|
| Freshwater environment | 0.24 mg/l | |
| Seawater | 0.024 mg/l | |
| Microorganisms in wastewater treatment plants | 650 mg/l | |
| Freshwater sediment | 1.15 mg/kg of dry substance of sediment | |
| Sea sediments | 0.115 mg/kg of dry substance of sediment | |
| Soil (agricultural) | 0.148 mg/kg of dry substance of soil | |

xylene (mixture of isomers)

| Route of exposure | Value | Determining the value of |
|-----------------------------------------------|-------------------------------------|--------------------------|
| Freshwater environment | 0.327 mg/kg | |
| Seawater | 0.327 mg/l | |
| Microorganisms in wastewater treatment plants | 6.58 mg/l | |
| Freshwater sediment | 12.46 mg/kg bw/day | |
| Sea sediments | 12.46 mg/kg bw/day | |
| | 2.31 mg/kg of dry substance of soil | |

8.2. Exposure controls

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin.

Eye/face protection

Tightly sealed goggles.

Skin protection

Hand protection: Protective gloves resistant to the product. Material of gloves: Butyl rubber. Recommended thickness of the material: ≥ 0.7 mm. Penetration time of glove material: ≥ 60 min. The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Other protection: protective workwear.

Respiratory protection

Under regular circumstances it is not necessary. In case of inadequate ventilation wear respiratory protection. Filter AX.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

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

| | |
|----------------------------------------------|------------------------------|
| Appearance | aerosol |
| Physical state | gas at 20°C |
| color | silver |
| Odour | after solvents |
| Odour threshold | data not available |
| pH | data not available |
| Melting point/freezing point | data not available |
| Initial boiling point and boiling range | data not available |
| Flash point | data not available |
| Evaporation rate | non-applicable |
| Flammability (solid, gas) | Extremely flammable aerosol. |
| Upper/lower flammability or explosive limits | |
| flammability limits | data not available |
| explosive limits | data not available |
| Vapour pressure | data not available |
| Vapour density | data not available |
| Relative density | data not available |
| Solubility(ies) | |
| solubility in water | almost insoluble |
| solubility in fats | data not available |
| Partition coefficient: n-octanol/water | data not available |
| Auto-ignition temperature | data not available |
| Decomposition temperature | data not available |
| Viscosity | data not available |
| Explosive properties | data not available |
| Oxidising properties | data not available |
| data not available | |

9.2. Other information

| | |
|---------------------------------------------------------------|----------------------------------|
| Density | 0.727 g/cm ³ at 20 °C |
| ignition temperature | >200 °C |
| content of organic solvents (VOC) | 92.0 % |
| Max. VOC content in the product in its ready to use condition | 669.0 g/l |

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

not available

10.2. Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

not available

10.5. Incompatible materials

not available

10.6. Hazardous decomposition products

Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

not available

Acute toxicity

acetone

| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|-------------------|------------------|-------------|------------------|---------|-----|
| Oral | LD ₅₀ | 5800 mg/kg | | Rat | |
| Dermal | LD ₅₀ | 20000 mg/kg | | Rabbit | |
| Inhalation | LC ₅₀ | 76 mg/l | 4 hour | Rat | |

butane (containing < 0,1 % butadiene (203-450-8))

| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|-------------------|------------------|----------|------------------|---------|-----|
| Inhalation | LC ₅₀ | 658 mg/l | 4 hour | | |

ethyl acetate

| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|-------------------|------------------|------------|------------------|---------|-----|
| Oral | LD ₅₀ | 5620 mg/kg | | Rabbit | |
| Inhalation | LC ₅₀ | 1600 mg/l | 4 hour | Rat | |

hydrocarbons, C9, aromatics

| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|-------------------|------------------|-------------|------------------|---------|-----|
| Oral | LD ₅₀ | >2000 mg/kg | | Rat | |
| Dermal | LD ₅₀ | >2000 mg/kg | | Rat | |

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| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|-------------------|------------------|-------------|------------------|---------|-----|
| Dermal | LD ₅₀ | 28121 mg/kg | | Rabbit | |
| Inhalation | LC ₅₀ | 172 mg/l | 4 hour | Rat | |

isobutane (containing < 0,1 % butadiene (203-450-8))

| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|-------------------|------------------|----------|------------------|---------|-----|
| Inhalation | LC ₅₀ | >50 mg/l | 4 hour | Rat | |

propane

| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|-------------------|------------------|---------|------------------|---------|-----|
| Inhalation | LC ₅₀ | 20 mg/l | 4 hour | Rat | |

xylene (mixture of isomers)

| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|-------------------|------------------|------------|------------------|---------|-----|
| Oral | LD ₅₀ | 4300 mg/kg | | Rat | |
| Dermal | LD ₅₀ | 2000 mg/kg | | Rabbit | |
| Inhalation | LC ₅₀ | 21.7 mg/l | 4 hour | Rat | |

Skin corrosion/irritation

Based on available data the classification criteria are not met.

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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.

Toxicity for specific target organ - single exposure

May cause drowsiness or dizziness.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Harmful to aquatic life with long lasting effects.

acetone

| Parameter | Value | Time of exposure | Species | Environment |
|------------------|-----------|------------------|-------------------------------|-------------|
| EC ₅₀ | 8800 mg/l | 48 hour | Invertebrates (Daphnia magna) | |

hydrocarbons, C9, aromatics

| Parameter | Value | Time of exposure | Species | Environment |
|------------------|-----------|------------------|-------------------------------|-------------|
| LC ₅₀ | 1-10 mg/l | | Invertebrates (Daphnia magna) | |

xylene (mixture of isomers)

| Parameter | Value | Time of exposure | Species | Environment |
|------------------|----------|------------------|-------------------------------|-------------|
| EC ₅₀ | 165 mg/l | 48 hour | Invertebrates (Daphnia magna) | |

12.2. Persistence and degradability

Data not available.

12.3. Bioaccumulative potential

Not available.

12.4. Mobility in soil

Not available.

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12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Other adverse effects

Ecotoxicological effects: Remark: Toxic for fish

Additional ecological information:

General notes: Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms.

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

Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste.

Legislation of waste

Council Directive 75/442/EEC on waste, as amended. Decree No. 383/2001 Coll., on details regarding waste handling as amended. Decree No. 93/2016 Coll., (waste catalogue) as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Code of type of waste

08 01 11 waste paint and varnish containing organic solvents or other dangerous substances

Packaging waste type code

15 01 11 metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers

SECTION 14: Transport information**14.1. UN number**

UN 1950

14.2. UN proper shipping name

AEROSOLS

14.3. Transport hazard class(es)

2 Gases

14.4. Packing group

not available

14.5. Environmental hazards

No

14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not available


Additional information

Hazard identification No.

UN number

Classification code

Safety signs

 (Kemler Code)
1950

5F

2.1



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Road transport ADR

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| Limited amount | 1 L |
| Extracted amounts | E0 |
| Transport category | 2 |
| Tunnel restriction code | (D) |

Marine transport - IMDG

| | |
|----------------------|----------|
| EmS (emergency plan) | F-D, S-U |
| Marine pollution | No |

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended (the Chemical Act). The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended. The Act No. 258/2000 Coll., on Protection of Public Health as amended. Decree No. 361/2007 Coll., determining conditions of occupational health protection as amended. Decree No. 415/2012 Coll., on the permissible level of pollution and its determination and implementation of certain other provisions of the Air Protection Act as amended. The Act No. 185/2001 Coll., on Waste and the Amendment of Some Other Acts as amended. The Act No. 201/2012 Coll., on the Protection of Atmosphere – Clean Air Act as amended. Decree No. 432/2003 Coll., laying down conditions for assigning categories to individual jobs, limit values of indices from biological exposure tests, conditions for the sampling of biological materials for biological exposure and the particulars of the reports on work with asbestos and biological agents as amended. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended.

15.2. Chemical safety assessment

not available

SECTION 16: Other information**A list of standard risk phrases used in the safety data sheet**

| | |
|------|-----------------------------------------------------|
| 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. |
| H280 | Contains gas under pressure; may explode if heated. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Guidelines for safe handling used in the safety data sheet

| | |
|------|-----------------------------------------------------------------------|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |

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| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P261 | Avoid breathing vapours/spray. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves/eye protection/face protection. |
| 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 container to in accordance with national regulations. |

A list of additional standard phrases used in the safety data sheet

EUH 066 Repeated exposure may cause skin dryness or cracking.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

| | |
|---------------------|---------------------------------------------------------------------------------------------------|
| ADR | European agreement concerning the international carriage of dangerous goods by road |
| BCF | Bioconcentration Factor |
| CAS | Chemical Abstracts Service |
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures |
| DNEL | Derived no-effect level |
| EC | Identification code for each substance listed in EINECS |
| EC ₅₀ | Concentration of a substance when it is affected 50% of the population |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| EmS | Emergency plan |
| EU | European Union |
| IATA | International Air Transport Association |
| IBC | International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals |
| IC ₅₀ | Concentration causing 50% blockade |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods |
| INCI | International Nomenclature of Cosmetic Ingredients |
| ISO | International Organization for Standardization |
| IUPAC | International Union of Pure and Applied Chemistry |
| LC ₅₀ | Lethal concentration of a substance in which it can be expected death of 50% of the population |
| LD ₅₀ | Lethal dose of a substance in which it can be expected death of 50% of the population |
| LOAEC | Lowest observed adverse effect concentration |
| LOAEL | Lowest observed adverse effect level |
| log K _{ow} | Octanol-water partition coefficient |
| MARPOL | International Convention for the Prevention of Pollution From Ships |
| NOAEC | No observed adverse effect concentration |
| NOAEL | No observed adverse effect level |
| NOEC | No observed effect concentration |
| NOEL | No observed effect level |
| OEL | Occupational Exposure Limits |
| PBT | Persistent, Bioaccumulative and Toxic |

INOX SPRAY

| | | | |
|---------------|-------------------|---------|-----|
| Creation date | 15. October 2015 | Version | 1.1 |
| Revision date | 10. November 2017 | | |

| | |
|-------|---------------------------------------------------------------------------------------------------|
| PNEC | Predicted no-effect concentration |
| ppm | Parts per million |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| RID | Agreement on the transport of dangerous goods by rail |
| UN | Four-figure identification number of the substance or article taken from the UN Model Regulations |
| UVCB | Substances of unknown or variable composition, complex reaction products or biological materials |
| VOC | Volatile organic compounds |
| vPvB | Very Persistent and very Bioaccumulative |

| | |
|-----------------|--------------------------------------------------|
| Acute Tox. | Acute toxicity |
| Aerosol | Flammable aerosol |
| Aquatic Chronic | Hazardous to the aquatic environment |
| Asp. Tox. | Aspiration hazard |
| Eye Irrit. | Eye irritation |
| Flam. Gas | Flammable gas |
| Flam. Liq. | Flammable liquid |
| Press. Gas | Gases under pressure |
| Skin Irrit. | Skin irritation |
| STOT SE | Specific target organ toxicity - single exposure |

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.