

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

- **1.1 Product identifier**
- **Trade name:** Zink Galvaniser
- **Article number:** 102
- **Unique formula identifier (UFI):** KS80-E01S-900J-5X3G
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Paint
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
ChemTechniek Nederland BV  
Inductorstraat 8  
3903KB Veenendaal  
Nederland  
www.chemtechniek.nl  
info@chemtechniek.nl
- **1.4 Emergency telephone number:**  
Nationaal Vergiftigingen Informatie Centrum (NVIC) : 088-755 8000  
(Uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen)

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



flame

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



Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms**



GHS02



GHS07

- **Signal word** Danger
- **Hazard-determining components of labelling:**  
acetone  
Hydrocarbons, C9, aromatics  
ethyl acetate
- **Hazard statements**

H222-H229 Extremely flammable aerosol. 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.

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**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 or 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°C.  
 P501 Dispose of contents / container in accordance with national regulations of the disposal.

**Additional information:**

- EUH066 Repeated exposure may cause skin dryness or cracking.  
 Buildup of explosive mixtures possible without sufficient ventilation.

**2.3 Other hazards****Results of PBT and vPvB assessment**

- PBT:** Not applicable.  
**vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

**3.2 Mixtures**

- Description:** Mixture of substances listed below with nonhazardous additions.

**Dangerous components:**

|                                                                       |                                                                                                                                                                    |         |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| CAS: 67-64-1<br>EINECS: 200-662-2<br>Reg.nr.: 01-2119471330-49-xxxx   | acetone<br>Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066                                                                                         | 25-<50% |
| CAS: 74-98-6<br>EINECS: 200-827-9<br>Reg.nr.: 01-2119486944-21-xxxx   | propane<br>Flam. Gas 1A, H220; Press. Gas (Comp.), H280                                                                                                            | 10-<20% |
| CAS: 106-97-8<br>EINECS: 203-448-7<br>Reg.nr.: 01-2119474691-32-xxxx  | butane, pure<br>Flam. Gas 1A, H220; Press. Gas (Comp.), H280                                                                                                       | 10-<20% |
| CAS: 75-28-5<br>EINECS: 200-857-2<br>Reg.nr.: 01-2119485395-27-xxxx   | isobutane<br>Flam. Gas 1A, H220; Press. Gas (Comp.), H280                                                                                                          | 5-<10%  |
| EC number: 918-668-5<br>Reg.nr.: 01-2119455851-35-xxxx                | Hydrocarbons, C9, aromatics<br>Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H335-H336                                                | 5-<10%  |
| CAS: 108-65-6<br>EINECS: 203-603-9<br>Reg.nr.: 01-2119475791-29-xxxx  | 2-methoxy-1-methylethyl acetate<br>Flam. Liq. 3, H226; STOT SE 3, H336                                                                                             | 5-<10%  |
| CAS: 141-78-6<br>EINECS: 205-500-4<br>Reg.nr.: 01-2119475103-46-xxxx  | ethyl acetate<br>Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066                                                                                   | 2.5-<5% |
| CAS: 1330-20-7<br>EINECS: 215-535-7<br>Reg.nr.: 01-2119488216-32-xxxx | xylene<br>Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 | 2.5-<5% |

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EINECS: 231-072-3

Reg.nr.: 01-2119529243-45-xxxx

aluminium powder (stabilized)

 Flam. Sol. 2, H228; Water-react. 2, H261

2.5-&lt;5%

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

### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

##### · **After inhalation:**

Supply fresh air; consult doctor in case of complaints.

Take affected persons into fresh air and keep quiet.

##### · **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

Immediately remove any clothing soiled by the product.

##### · **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

##### · **After swallowing:** Do not induce vomiting; call for medical help immediately.

#### · 4.2 Most important symptoms and effects, both acute and delayed

Breathing difficulty

Headache

Dizziness

Dizziness

Nausea

#### · 4.3 Indication of any immediate medical attention and special treatment needed

If swallowed or in case of vomiting, danger of entering the lungs.

Later observation for pneumonia and pulmonary oedema.

### SECTION 5: Firefighting measures

#### · 5.1 Extinguishing media

##### · **Suitable extinguishing agents:**

Fire-extinguishing powder

Carbon dioxide

Use fire extinguishing methods suitable to surrounding conditions.

Foam

##### · 5.2 Special hazards arising from the substance or mixture

Can form explosive gas-air mixtures.

##### · 5.3 Advice for firefighters

##### · **Protective equipment:** Wear self-contained respiratory protective device.

##### · **Additional information**

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

#### · 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from 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.

Do not allow to enter sewers/ surface or ground water.

#### · 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

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### · 6.4 Reference to other sections

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## SECTION 7: Handling and storage

### · 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.  
Avoid contact with skin and eyes.

### · Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.  
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

### · 7.2 Conditions for safe storage, including any incompatibilities

#### · Storage:

#### · Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurised containers.

#### · Information about storage in one common storage facility: Not required.

#### · Further information about storage conditions: Protect from heat and direct sunlight.

### · 7.3 Specific end use(s) No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### · 8.2 Exposure controls

#### · Ingredients with limit values that require monitoring at the workplace:

##### CAS: 67-64-1 acetone

|     |                                                     |
|-----|-----------------------------------------------------|
| WEL | Short-term value: 3620 mg/m <sup>3</sup> , 1500 ppm |
|     | Long-term value: 1210 mg/m <sup>3</sup> , 500 ppm   |

##### CAS: 106-97-8 butane, pure

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

##### CAS: 108-65-6 2-methoxy-1-methylethyl acetate

|     |                                                   |
|-----|---------------------------------------------------|
| WEL | Short-term value: 548 mg/m <sup>3</sup> , 100 ppm |
|     | Long-term value: 274 mg/m <sup>3</sup> , 50 ppm   |
|     | Sk                                                |

##### CAS: 141-78-6 ethyl acetate

|     |                                                    |
|-----|----------------------------------------------------|
| WEL | Short-term value: 1468 mg/m <sup>3</sup> , 400 ppm |
|     | Long-term value: 734 mg/m <sup>3</sup> , 200 ppm   |

##### CAS: 1330-20-7 xylene

|     |                                                   |
|-----|---------------------------------------------------|
| WEL | Short-term value: 441 mg/m <sup>3</sup> , 100 ppm |
|     | Long-term value: 220 mg/m <sup>3</sup> , 50 ppm   |
|     | Sk, BMGV                                          |

### · DNELs

##### CAS: 67-64-1 acetone

|            |      |                            |
|------------|------|----------------------------|
| Oral       | DNEL | 62 mg(kg (ME)              |
| Inhalative | DNEL | 200 mg/m <sup>3</sup> (ME) |

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**· Ingredients with biological limit values:****CAS: 1330-20-7 xylene**

|      |                                 |
|------|---------------------------------|
| BMGV | 650 mmol/mol creatinine         |
|      | Medium: urine                   |
|      | Sampling time: post shift       |
|      | Parameter: methyl hippuric acid |

- **Additional information:** The lists valid during the making were used as basis.
- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**
  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing
  - Wash hands before breaks and at the end of work.
  - Avoid contact with the eyes.
  - Avoid contact with the eyes and skin.
- **Respiratory protection:**
  - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
  - Not necessary if room is well-ventilated.
- **Recommended filter device for short term use:** Filter AX
- **Hand protection**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Material of gloves**
  - Butyl rubber, BR
  - Recommended thickness of the material:  $\geq 0.7$  mm
- **Penetration time of glove material**
  - $\geq 60$  min
  - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye/face protection**



Tightly sealed goggles

- **Body protection:** Protective work clothing

## SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Physical state** Aerosol
- **Colour:** Silver-coloured
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **Melting point/freezing point:** Undetermined.
- **Boiling point or initial boiling point and boiling range** Not applicable, as aerosol.
- **Flammability** Not applicable.
- **Lower and upper explosion limit**
- **Lower:** Not determined.

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|                                                            |                                   |
|------------------------------------------------------------|-----------------------------------|
| · <b>Upper:</b>                                            | Not determined.                   |
| · <b>Flash point:</b>                                      | Not applicable, as aerosol.       |
| · <b>Ignition temperature:</b>                             | >200 °C                           |
| · <b>Decomposition temperature:</b>                        | Not determined.                   |
| · <b>pH</b>                                                | Not determined.                   |
| · <b>Viscosity:</b>                                        |                                   |
| · <b>Kinematic viscosity</b>                               | Not determined.                   |
| · <b>Dynamic:</b>                                          | Not determined.                   |
| · <b>Solubility</b>                                        |                                   |
| · <b>water:</b>                                            | Not miscible or difficult to mix. |
| · <b>Partition coefficient n-octanol/water (log value)</b> | Not determined.                   |
| · <b>Vapour pressure:</b>                                  | Not determined.                   |
| · <b>Density and/or relative density</b>                   |                                   |
| · <b>Density at 20 °C:</b>                                 | 0.7241 g/cm <sup>3</sup>          |
| · <b>Relative density</b>                                  | Not determined.                   |
| · <b>Vapour density</b>                                    | Not determined.                   |

|                                                                                        |                 |
|----------------------------------------------------------------------------------------|-----------------|
| · <b>9.2 Other information</b>                                                         |                 |
| · <b>Appearance:</b>                                                                   |                 |
| · <b>Form:</b>                                                                         | Aerosol         |
| · <b>Important information on protection of health and environment, and on safety.</b> |                 |
| · <b>Auto-ignition temperature:</b>                                                    | Not determined. |
| · <b>Explosive properties:</b>                                                         | Not determined. |
| · <b>Solvent separation test:</b>                                                      |                 |
| · <b>Organic solvents:</b>                                                             | 93.6 %          |
| · <b>VOC (EC)</b>                                                                      | 677.7 g/l       |
| · <b>Solids content:</b>                                                               | 0.0 %           |
| · <b>Change in condition</b>                                                           |                 |
| · <b>Evaporation rate</b>                                                              | Not applicable. |

|                                                                                    |                                                                          |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| · <b>Information with regard to physical hazard classes</b>                        |                                                                          |
| · <b>Explosives</b>                                                                | Void                                                                     |
| · <b>Flammable gases</b>                                                           | Void                                                                     |
| · <b>Aerosols</b>                                                                  | Extremely flammable aerosol. Pressurised container: May burst if heated. |
| · <b>Oxidising gases</b>                                                           | Void                                                                     |
| · <b>Gases under pressure</b>                                                      | Void                                                                     |
| · <b>Flammable liquids</b>                                                         | Void                                                                     |
| · <b>Flammable solids</b>                                                          | Void                                                                     |
| · <b>Self-reactive substances and mixtures</b>                                     | Void                                                                     |
| · <b>Pyrophoric liquids</b>                                                        | Void                                                                     |
| · <b>Pyrophoric solids</b>                                                         | Void                                                                     |
| · <b>Self-heating substances and mixtures</b>                                      | Void                                                                     |
| · <b>Substances and mixtures, which emit flammable gases in contact with water</b> | Void                                                                     |
| · <b>Oxidising liquids</b>                                                         | Void                                                                     |
| · <b>Oxidising solids</b>                                                          | Void                                                                     |
| · <b>Organic peroxides</b>                                                         | Void                                                                     |
| · <b>Corrosive to metals</b>                                                       | Void                                                                     |
| · <b>Desensitised explosives</b>                                                   | Void                                                                     |

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

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- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

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

- **Acute toxicity**

- **LD/LC50 values relevant for classification:**

#### ATE (Acute Toxicity Estimates)

|            |          |              |
|------------|----------|--------------|
| Dermal     | LD50     | 28,488 mg/kg |
| Inhalative | LC50/4 h | 285 mg/l     |

#### CAS: 67-64-1 acetone

|            |          |                       |
|------------|----------|-----------------------|
| Oral       | LD50     | 5,800 mg/kg (rat)     |
| Dermal     | LD50     | 20,000 mg/kg (rabbit) |
| Inhalative | LC50/4 h | ~76 mg/l (rat)        |

#### CAS: 74-98-6 propane

|            |          |                |
|------------|----------|----------------|
| Inhalative | LC50/4 h | >20 mg/l (rat) |
|------------|----------|----------------|

#### CAS: 106-97-8 butane, pure

|            |          |                |
|------------|----------|----------------|
| Inhalative | LC50/4 h | 658 mg/l (rat) |
|------------|----------|----------------|

#### CAS: 75-28-5 isobutane

|            |          |                |
|------------|----------|----------------|
| Inhalative | LC50/4 h | 658 mg/l (rat) |
|------------|----------|----------------|

#### Hydrocarbons, C9, aromatics

|            |          |                    |
|------------|----------|--------------------|
| Oral       | LD50     | 3,592 mg/kg (rat)  |
| Dermal     | LD50     | >3,160 mg/kg (rat) |
| Inhalative | LC50/4 h | >6,193 mg/l (rat)  |

#### CAS: 108-65-6 2-methoxy-1-methylethyl acetate

|            |          |                    |
|------------|----------|--------------------|
| Oral       | LD50     | 8,532 mg/kg (rat)  |
| Dermal     | LD50     | >5,000 mg/kg (rat) |
| Inhalative | LC50/4 h | 35.7 mg/l (rat)    |

#### CAS: 141-78-6 ethyl acetate

|            |          |                      |
|------------|----------|----------------------|
| Oral       | LD50     | 5,620 mg/kg (rabbit) |
| Dermal     | LD50     | >20,000 mg/kg (rat)  |
| Inhalative | LC50/4 h | 1,600 mg/l (rat)     |

#### CAS: 1330-20-7 xylene

|            |          |                   |
|------------|----------|-------------------|
| Oral       | LD50     | 3,523 mg/kg (rat) |
| Dermal     | LD50     | 1,100 mg/kg (ATE) |
| Inhalative | LC50/4 h | 11 mg/l (ATE)     |

- **Serious eye damage/irritation** Causes serious eye irritation.
- **STOT-single exposure** May cause drowsiness or dizziness.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

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### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Remark:** Harmful to 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.  
Harmful to aquatic organisms

### SECTION 13: Disposal considerations

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

### SECTION 14: Transport information

- |                                                                                     |                     |
|-------------------------------------------------------------------------------------|---------------------|
| • <b>14.1 UN number or ID number</b>                                                | UN1950              |
| • <b>ADR/RID/ADN, IMDG, IATA</b>                                                    |                     |
| • <b>14.2 UN proper shipping name</b>                                               | UN1950 AEROSOLS     |
| • <b>ADR/RID/ADN</b>                                                                | AEROSOLS            |
| • <b>IMDG</b>                                                                       | AEROSOLS, flammable |
| • <b>IATA</b>                                                                       |                     |
| • <b>14.3 Transport hazard class(es)</b>                                            |                     |
| • <b>ADR/RID/ADN</b>                                                                |                     |
|  |                     |
| • <b>Class</b>                                                                      | 2 5F Gases.         |
| • <b>Label</b>                                                                      | 2.1                 |
| • <b>IMDG, IATA</b>                                                                 |                     |
|  |                     |
| • <b>Class</b>                                                                      | 2.1 Gases.          |

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|                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| · <b>Label</b>                                                                                                                                                                       | 2.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| · <b>14.4 Packing group</b><br>· <b>ADR/RID/ADN, IMDG, IATA</b>                                                                                                                      | Void                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| · <b>14.5 Environmental hazards:</b><br>· <b>Marine pollutant:</b>                                                                                                                   | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| · <b>14.6 Special precautions for user</b><br>· <b>Hazard identification number (Kemler code):</b><br>· <b>EMS Number:</b><br>· <b>Stowage Code</b><br><br>· <b>Segregation Code</b> | Warning: Gases.<br>-<br>F-D,S-U<br>SW1 Protected from sources of heat.<br>SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.<br>SG69 For AEROSOLS with a maximum capacity of 1 litre:<br>Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.<br>For AEROSOLS with a capacity above 1 litre:<br>Segregation as for the appropriate subdivision of class 2.<br>For WASTE AEROSOLS:<br>Segregation as for the appropriate subdivision of class 2. |
| · <b>14.7 Maritime transport in bulk according to IMO instruments</b>                                                                                                                | Not applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| · <b>Transport/Additional information:</b>                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| · <b>ADR/RID/ADN</b><br>· <b>Limited quantities (LQ)</b><br>· <b>Excepted quantities (EQ)</b><br><br>· <b>Transport category</b><br>· <b>Tunnel restriction code</b>                 | 1L<br>Code: E0<br>Not permitted as Excepted Quantity<br>2<br>D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| · <b>IMDG</b><br>· <b>Limited quantities (LQ)</b><br>· <b>Excepted quantities (EQ)</b>                                                                                               | 1L<br>Code: E0<br>Not permitted as Excepted Quantity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| · <b>UN "Model Regulation":</b>                                                                                                                                                      | UN 1950 AEROSOLS, 2.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

## SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P3a** FLAMMABLE AEROSOLS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

GB

(Contd. on page 10)

# Safety data sheet

## according to 1907/2006/EC, Article 31

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Version number 60 (replaces version 59)

Revision: 21.07.2022

**Trade name: Zink Galvaniser**

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### SECTION 16: Other information

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

#### · Relevant phrases

H220 Extremely flammable gas.  
 H225 Highly flammable liquid and vapour.  
 H226 Flammable liquid and vapour.  
 H228 Flammable solid.  
 H261 In contact with water releases flammable gases.  
 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.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 H411 Toxic to aquatic life with long lasting effects.  
 EUH066 Repeated exposure may cause skin dryness or cracking.

#### · Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 ICAO: International Civil Aviation Organisation  
 ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 VOC: Volatile Organic Compounds (USA, EU)  
 DNEL: Derived No-Effect Level (UK REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Flam. Gas 1A: Flammable gases – Category 1A  
 Aerosol 1: Aerosols – Category 1  
 Press. Gas (Comp.): Gases under pressure – Compressed gas  
 Flam. Liq. 2: Flammable liquids – Category 2  
 Flam. Liq. 3: Flammable liquids – Category 3  
 Flam. Sol. 2: Flammable solids – Category 2  
 Water-react. 2: Substances and mixtures which in contact with water emit flammable gases – Category 2  
 Acute Tox. 4: Acute toxicity – Category 4  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
 Asp. Tox. 1: Aspiration hazard – Category 1  
 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2  
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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