

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## Agent Zinc light 180 kgs 17-09016

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Print Date: 03.03.2022          |
| 5.0     | 01.12.2020     | 102000000162 | Date of first issue: 13.01.2014 |

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

#### 1.1 Product identifier

|              |   |                                   |
|--------------|---|-----------------------------------|
| Trade name   | : | Agent Zinc light 180 kgs 17-09016 |
| Product code | : | 08096925V                         |

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

This information is not available.

#### 1.3 Details of the supplier of the safety data sheet

|  |   |  |
|--|---|--|
| Company  | : | ECKART GmbH<br>Guentersthal 4<br>91235 Hartenstein |
| Telephone  | : | +499152770   |
| Telefax  | : | +499152777008                                      |
| E-mail address of person responsible for the SDS | : | msds.eckart@altana.com                             |

#### 1.4 Emergency telephone number

NCEC: +44 1235 239670 (Europe)  
Call and response in your language is possible.  
Contract no.: ECKART29003-NCEC.

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

|  |  |
|--|--|
| Flammable liquids, Category 2  | H225: Highly flammable liquid and vapour.                                |
| Skin irritation, Category 2  | H315: Causes skin irritation.  |
| Eye irritation, Category 2   | H319: Causes serious eye irritation.                                     |
| Specific target organ toxicity - single exposure, Category 3, Central nervous system | H336: May cause drowsiness or dizziness.                                 |
| Specific target organ toxicity - single exposure, Category 3, Respiratory system     | H335: May cause respiratory irritation.                                  |
| Specific target organ toxicity - repeated exposure, Category 2                       | H373: May cause damage to organs through prolonged or repeated exposure. |

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Aspiration hazard, Category 1

H304: May be fatal if swallowed and enters airways.

Long-term (chronic) aquatic hazard, Category 2

H411: Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

|                   |   |      |  |
|-------------------|---|------|--|
| Hazard statements | : | H225 | Highly flammable liquid and vapour.                                |
|                   |   | H304 | May be fatal if swallowed and enters airways.                      |
|                   |   | H315 | Causes skin irritation.  |
|                   |   | H319 | Causes serious eye irritation.                                     |
|                   |   | 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.                   |

|                          |   |                    |  |
|--------------------------|---|--------------------|--|
| Precautionary statements | : | <b>Prevention:</b> |  |
|                          |   | P210               | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
|                          |   | P260               | Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  |
|                          |   | P273               | Avoid release to the environment.  |
|                          |   | <b>Response:</b>   |  |
|                          |   | P301 + P310        | IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  |
|                          |   | P331               | Do NOT induce vomiting.  |
|                          |   | P370 + P378        | In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.           |
|                          |   | P391               | Collect spillage.  |

Hazardous components which must be listed on the label:

xylene  
ethyl acetate  
acetone  
n-butyl acetate  
Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha  
butan-1-ol

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### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

| Chemical name  | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number | Classification<br>REGULATION (EC)<br>No 1272/2008  | Concentration<br>(% w/w) |
|--|---|--|--------------------------|
| xylene   | 1330-20-7<br>215-535-7<br>01-2119488216-32            | Flam. Liq. 3; H226<br>Acute Tox. 4; H332<br>Acute Tox. 4; H312<br>Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>STOT SE 3; H335<br>STOT RE 2; H373<br>Asp. Tox. 1; H304 | >= 10 - < 20             |
| ethyl acetate  | 141-78-6<br>205-500-4<br>01-2119475103-46             | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319<br>STOT SE 3; H336  | >= 10 - < 20             |
| zinc powder — zinc dust<br>(stabilised)  | 7440-66-6<br>231-175-3<br>01-2119467174-37            | Aquatic Acute 1;<br>H400<br>Aquatic Chronic 1;<br>H410   | >= 10 - < 20             |
| acetone  | 67-64-1<br>200-662-2<br>01-2119471330-49              | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319<br>STOT SE 3; H336  | >= 10 - < 20             |
| n-butyl acetate  | 123-86-4<br>204-658-1<br>01-2119485493-29             | Flam. Liq. 3; H226<br>STOT SE 3; H336  | >= 10 - < 20             |
| aluminium powder (stabilised)  | 7429-90-5<br>231-072-3<br>01-2119529243-45            | Flam. Sol. 1; H228   | >= 1 - < 10              |
| Naphtha (petroleum),<br>hydrotreated heavy; Low boiling<br>point ydrogen treated naphtha | 64742-48-9<br>918-481-9<br>01-2119457273-39           | Asp. Tox. 1; H304  | >= 1 - < 10              |
| butan-1-ol   | 71-36-3<br>200-751-6<br>01-2119484630-38              | Flam. Liq. 3; H226<br>Acute Tox. 4; H302<br>Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>STOT SE 3; H335,<br>H336  | >= 1 - < 3               |
| Quaternary ammonium  | 68308-64-5  | Acute Tox. 4; H302   | >= 0.25 - < 1            |

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|  |           |   |
|--|-----------|---|
| compounds, coco<br>alkylethyldimethyl, Et sulfates | 939-607-9 | Acute Tox. 3; H311<br>Skin Corr. 1C; H314<br>Eye Dam. 1; H318<br>Aquatic Acute 1;<br>H400<br>Aquatic Chronic 1;<br>H410 |
|--|-----------|---|

For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General advice : Move the victim to fresh air.  
Do not leave the victim unattended.
- Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Symptoms of poisoning may appear several hours later.
- If inhaled : Consult a physician after significant exposure.  
If unconscious, place in recovery position and seek medical advice.
- In case of skin contact : Wash off immediately with soap and plenty of water.
- If skin irritation persists, call a physician.  
If on skin, rinse well with water.  
If on clothes, remove clothes.
- In case of eye contact : Remove contact lenses.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- Immediately flush eye(s) with plenty of water.
- Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Keep eye wide open while rinsing.
- If swallowed : Keep respiratory tract clear.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Take victim immediately to hospital.

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

- Risks : May be fatal if swallowed and enters airways.

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Causes skin irritation.  
Causes serious eye irritation.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
May cause damage to organs through prolonged or repeated exposure.

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

This information is not available.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Dry sand  
ABC powder  
Foam

Unsuitable extinguishing media : High volume water jet

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

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.

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## SECTION 6: Accidental release measures

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

Personal precautions : Use personal protective equipment.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.  
Evacuate personnel to safe areas.  
Use personal protective equipment.  
Ensure adequate ventilation.

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Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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

Methods for cleaning up : Use mechanical handling equipment.  
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).  
Do not flush with water.

### 6.4 Reference to other sections

For personal protection see section 8.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol.  
Do not breathe vapours/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharges.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Open drum carefully as content may be under pressure.  
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition.

Hygiene measures : When using do not eat or drink. When using do not smoke.  
Wash hands before breaks and at the end of workday.

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

Requirements for storage areas and containers : Earthing of containers and apparatuses is essential. Reaction with water liberates extremely flammable gas (hydrogen) Take measures to prevent the build up of electrostatic charge. Use explosion-proof equipment. Store in original container. Keep containers tightly closed in a cool, well-ventilated place. Keep away from sources of ignition - No smoking. Keep container closed when not in use.

No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : Protect from humidity and water.

Advice on common storage : Do not store near acids.  
Do not store together with oxidizing and self-igniting products. Never allow product to get in contact with water during storage.  
Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

This information is not available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

| Components          | CAS-No.   | Value type (Form of exposure) | Control parameters               | Basis      |
|---------------------|---|-------------------------------|----------------------------------|------------|
| xylene              | 1330-20-7   | TWA                           | 50 ppm<br>221 mg/m <sup>3</sup>  | 2000/39/EC |
| Further information | Identifies the possibility of significant uptake through the skin, Indicative   |                               |                                  |            |
|                     |   | STEL                          | 100 ppm<br>442 mg/m <sup>3</sup> | 2000/39/EC |
| Further information | Identifies the possibility of significant uptake through the skin, Indicative   |                               |                                  |            |
|                     |   | TWA                           | 50 ppm<br>220 mg/m <sup>3</sup>  | GB EH40    |
| Further information | Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |                               |                                  |            |

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|                                      |  |                           |                                      |              |
|--------------------------------------|--|---------------------------|--------------------------------------|--------------|
|                                      |  | STEL                      | 100 ppm<br>441 mg/m <sup>3</sup>     | GB EH40      |
| Further information                  | Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.  |                           |                                      |              |
| ethyl acetate                        | 141-78-6   | TWA                       | 200 ppm<br>734 mg/m <sup>3</sup>     | GB EH40      |
|                                      |  | STEL                      | 400 ppm<br>1,468 mg/m <sup>3</sup>   | GB EH40      |
|                                      |  | STEL                      | 400 ppm<br>1,468 mg/m <sup>3</sup>   | 2017/164/EU  |
| Further information                  | Indicative   |                           |                                      |              |
|                                      |  | TWA                       | 200 ppm<br>734 mg/m <sup>3</sup>     | 2017/164/EU  |
| Further information                  | Indicative   |                           |                                      |              |
| zinc powder — zinc dust (stabilised) | 7440-66-6  | TWA (Inhalable)           | 10 mg/m <sup>3</sup>                 | GB EH40      |
| Further information                  | The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m <sup>-3</sup> 8-hour TWA of inhalable dust or 4 mg.m <sup>-3</sup> 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limits., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit should be used. |                           |                                      |              |
|                                      |  | TWA (Respirable fraction) | 4 mg/m <sup>3</sup>                  | GB EH40      |
| Further information                  | The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m <sup>-3</sup> 8-hour TWA of inhalable dust or 4 mg.m <sup>-3</sup> 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limits., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit should be used. |                           |                                      |              |
| acetone                              | 67-64-1  | TWA                       | 500 ppm<br>1,210 mg/m <sup>3</sup>   | 2000/39/EC   |
| Further information                  | Indicative   |                           |                                      |              |
|                                      |  | TWA                       | 500 ppm<br>1,210 mg/m <sup>3</sup>   | GB EH40      |
|                                      |  | STEL                      | 1,500 ppm<br>3,620 mg/m <sup>3</sup> | GB EH40      |
| n-butyl acetate                      | 123-86-4   | TWA                       | 150 ppm<br>724 mg/m <sup>3</sup>     | GB EH40      |
|                                      |  | STEL                      | 200 ppm<br>966 mg/m <sup>3</sup>     | GB EH40      |
|                                      |  | STEL                      | 150 ppm<br>723 mg/m <sup>3</sup>     | 2019/1831/EU |
| Further information                  | Indicative   |                           |                                      |              |
|                                      |  | TWA                       | 50 ppm<br>241 mg/m <sup>3</sup>      | 2019/1831/EU |



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| Further information           | Indicative  |                           |          |         |
| aluminium powder (stabilised) | 7429-90-5   | TWA (Inhalable)           | 10 mg/m3 | GB EH40 |
| Further information           | The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limits., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit should be used.  |                           |          |         |
|                               |   | TWA (Respirable fraction) | 4 mg/m3  | GB EH40 |
| Further information           | The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limits., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit should be used.  |                           |          |         |
|                               |   | TWA (inhalable dust)      | 10 mg/m3 | GB EH40 |
| Further information           | For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/4 General methods for sampling and gravimetric analysis or respirable, thoracic and inhalable aerosols., The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limits., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system, and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/4., Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit should be used. |                           |          |         |
|                               |   | TWA (Respirable dust)     | 4 mg/m3  | GB EH40 |
| Further information           | For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/4  |                           |          |         |

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|---------------------|---|------|---------------------------------|---------|
|                     | <p>General methods for sampling and gravimetric analysis of respirable, thoracic and inhalable aerosols. The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m<sup>-3</sup> 8-hour TWA of inhalable dust or 4 mg.m<sup>-3</sup> 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limits. Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system, and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/4. Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit should be used.</p> |      |                                 |         |
| butan-1-ol          | 71-36-3   | STEL | 50 ppm<br>154 mg/m <sup>3</sup> | GB EH40 |
| Further information | Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.   |      |                                 |         |

### Biological occupational exposure limits

| Substance name | CAS-No.   | Control parameters  | Sampling time | Basis          |
|----------------|-----------|---|---------------|----------------|
| xylene         | 1330-20-7 | methyl hippuric acid: 650<br>Millimoles per mole<br>Creatinine<br>(Urine) | After shift   | GB EH40<br>BAT |

### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

| Substance name | End Use   | Exposure routes | Potential health effects   | Value                  |
|----------------|-----------|-----------------|----------------------------|------------------------|
| xylene         | Consumers | Inhalation      | Long-term local effects    | 65.3 mg/m <sup>3</sup> |
|                | Consumers | Inhalation      | Long-term systemic effects | 14.8 mg/m <sup>3</sup> |
|                | Consumers | Inhalation      | Acute systemic effects     | 174 mg/m <sup>3</sup>  |
|                | Consumers | Skin contact    | Long-term systemic effects | 108 mg/kg              |
|                | Consumers | Ingestion       | Long-term systemic effects | 1.6 mg/kg              |
|                | Workers   | Inhalation      | Long-term local effects    | 221 mg/m <sup>3</sup>  |
|                | Workers   | Inhalation      | Long-term systemic effects | 77 mg/m <sup>3</sup>   |

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|                                      |           |              |                            |            |
|--------------------------------------|-----------|--------------|----------------------------|------------|
|                                      | Workers   | Inhalation   | Acute systemic effects     | 289 mg/m3  |
|                                      | Workers   | Skin contact | Long-term systemic effects | 180 mg/kg  |
|                                      | Workers   | Inhalation   | Acute local effects        | 289 mg/m3  |
|                                      | Consumers | Inhalation   | Acute local effects        | 174 mg/m3  |
| ethyl acetate                        | Workers   | Inhalation   | Acute local effects        | 1468 mg/m3 |
|                                      | Workers   | Inhalation   | Acute systemic effects     | 1468 mg/m3 |
|                                      | Workers   | Inhalation   | Long-term local effects    | 734 mg/m3  |
|                                      | Workers   | Skin contact | Long-term systemic effects | 63 mg/kg   |
|                                      | Workers   | Inhalation   | Long-term systemic effects | 734 mg/m3  |
|                                      | Consumers | Inhalation   | Acute local effects        | 734 mg/m3  |
|                                      | Consumers | Inhalation   | Acute systemic effects     | 734 mg/m3  |
|                                      | Consumers | Inhalation   | Long-term local effects    | 367 mg/m3  |
|                                      | Consumers | Skin contact | Long-term systemic effects | 37 mg/kg   |
|                                      | Consumers | Inhalation   | Long-term systemic effects | 367 mg/m3  |
|                                      | Consumers | Ingestion    | Long-term systemic effects | 4.5 mg/kg  |
| zinc powder — zinc dust (stabilised) | Workers   | Inhalation   | Long-term systemic effects | 5 mg/m3    |
|                                      | Workers   | Skin contact | Long-term systemic effects | 83 mg/kg   |
|                                      | Consumers | Inhalation   | Long-term systemic effects | 2.5 mg/m3  |
|                                      | Consumers | Skin contact | Long-term systemic effects | 83 mg/kg   |
|                                      | Consumers | Ingestion    | Long-term systemic effects | 0.83 mg/kg |
| acetone                              | Workers   | Skin contact | Long-term systemic effects | 186 mg/kg  |
|                                      | Workers   | Inhalation   | Long-term systemic effects | 1210 mg/m3 |
|                                      | Consumers | Ingestion    | Long-term systemic effects | 62 mg/kg   |
|                                      | Consumers | Skin contact | Long-term systemic effects | 62 mg/kg   |
|                                      | Consumers | Inhalation   | Long-term systemic effects | 200 mg/m3  |
|                                      | Workers   | Inhalation   | Acute local effects        | 2420 mg/m3 |
| n-butyl acetate                      | Workers   | Inhalation   | Long-term systemic effects | 48 mg/m3   |
|                                      | Workers   | Inhalation   | Acute systemic effects     | 960 mg/m3  |
|                                      | Workers   | Inhalation   | Long-term local            | 480 mg/m3  |

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|  |           |              |                            |              |
|--|-----------|--------------|----------------------------|--------------|
|  |           |              | effects                    |              |
|  | Workers   | Inhalation   | Acute local effects        | 960 mg/m3    |
|  | Workers   | Skin contact | Acute systemic effects     | 11 mg/kg     |
|  | Consumers | Inhalation   | Acute systemic effects     | 300 mg/m3    |
|  | Consumers | Inhalation   | Long-term local effects    | 35.7 mg/m3   |
|  | Consumers | Skin contact | Acute systemic effects     | 6 mg/kg      |
|  | Consumers | Ingestion    | Long-term systemic effects | 2 mg/kg      |
|  | Consumers | Ingestion    | Acute systemic effects     | 2 mg/kg      |
| aluminium powder (stabilised)  | Workers   | Inhalation   | Long-term local effects    | 3.72 mg/m3   |
|  | Consumers | Oral         | Long-term systemic effects | 3.95 mg/kg   |
|  | Workers   | Inhalation   | Long-term systemic effects | 3.72 mg/m3   |
| Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated naphtha | Workers   | Skin contact | Long-term systemic effects | 300 mg/kg    |
|  | Consumers | Ingestion    | Long-term systemic effects | 300 mg/kg    |
|  | Consumers | Skin contact | Long-term systemic effects | 300 mg/kg    |
|  | Consumers | Inhalation   | Long-term systemic effects | 900 mg/m3    |
| butan-1-ol   | Workers   | Inhalation   | Long-term local effects    | 310 mg/m3    |
|  | Consumers | Inhalation   | Long-term systemic effects | 55.357 mg/m3 |
|  | Consumers | Inhalation   | Long-term local effects    | 55 mg/m3     |
|  | Consumers | Skin contact | Long-term systemic effects | 3.125 mg/kg  |
|  | Consumers | Oral         | Long-term systemic effects | 3.125 mg/kg  |
|  | Workers   | Oral         | Long-term systemic effects | 3.125 mg/kg  |

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:**

| Substance name | Environmental Compartment | Value                         |
|----------------|---------------------------|-------------------------------|
| xylene         | Fresh water               | 0.327 mg/l                    |
|                | Marine water              | 0.327 mg/l                    |
|                | Fresh water sediment      | 12.46 mg/kg dry weight (d.w.) |
|                | Marine sediment           | 12.46 mg/kg dry weight (d.w.) |

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|                                      |                      |                              |
|--------------------------------------|----------------------|------------------------------|
|                                      | Soil                 | 2.31 mg/kg dry weight (d.w.) |
|                                      | Secondary Poisoning  | 20 mg/kg                     |
|                                      | STP                  | 6.58 mg/l                    |
|                                      | Intermittent Release | 0.327 mg/l                   |
| ethyl acetate                        | Soil                 | 0.148 mg/kg                  |
|                                      | STP                  | 650 mg/l                     |
|                                      | Fresh water          | 0.24 mg/l                    |
|                                      | Marine water         | 0.024 mg/l                   |
|                                      | Fresh water sediment | 1.15 mg/kg                   |
|                                      | Marine sediment      | 0.115 mg/kg                  |
| zinc powder — zinc dust (stabilised) | Fresh water          | 0.0206 mg/l                  |
|                                      | Marine water         | 0.0061 mg/l                  |
|                                      | STP                  | 0.100 mg/l                   |
|                                      | Fresh water sediment | 235.6 mg/kg                  |
|                                      | Marine sediment      | 121 mg/kg                    |
|                                      | Soil                 | 106.8 mg/kg                  |
| acetone                              | Soil                 | 29.5 mg/kg                   |
|                                      | Fresh water          | 10.6 mg/l                    |
|                                      | Fresh water sediment | 30.4 mg/kg                   |
|                                      | Marine water         | 1.06 mg/l                    |
|                                      | Marine sediment      | 3.04 mg/kg                   |
|                                      | STP                  | 100 mg/l                     |
| n-butyl acetate                      | Fresh water          | 0.18 mg/l                    |
|                                      | Marine water         | 0.018 mg/l                   |
|                                      | STP                  | 35.6 mg/l                    |
|                                      | Fresh water sediment | 0.981 mg/kg                  |
|                                      | Marine sediment      | 0.098 mg/kg                  |
|                                      | Soil                 | 0.0903 mg/kg                 |
| aluminium powder (stabilised)        | Fresh water          | 0.0749 mg/l                  |
|                                      | clarification plant  | 20 mg/l                      |
| butan-1-ol                           | Fresh water          | 0.082 mg/l                   |
|                                      | Marine water         | 0.0082 mg/l                  |
|                                      | Intermittent Release | 2.25 mg/l                    |
|                                      | STP                  | 2476 mg/l                    |
|                                      | Fresh water sediment | 0.178 mg/kg                  |
|                                      | Marine sediment      | 0.0178 mg/l                  |
|                                      | Soil                 | 0.015 mg/kg                  |

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : Goggles

Wear face-shield and protective suit for abnormal processing problems.

Hand protection

Material : Solvent-resistant gloves (butyl-rubber)

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Remarks : Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). The exact break through time can be obtained from the protective glove producer and this has to be observed. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Recommended preventive skin protection Skin should be washed after contact. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : Use suitable breathing protection if workplace concentration requires.

In the case of vapour formation use a respirator with an approved filter.

### Environmental exposure controls

Water : The product should not be allowed to enter drains, water courses or the soil.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                             |                     |
|-----------------------------|---------------------|
| Appearance                  | : liquid            |
| Colour                      | : silver            |
| Odour                       | : characteristic    |
| Odour Threshold             | : No data available |
| pH                          | : Not applicable    |
| Freezing point              | : No data available |
| Boiling point/boiling range | : 55 °C             |
| Flash point                 | : -19 °C            |
| Evaporation rate            | : No data available |

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|  |  |
|--|--|
| Flammability (solid, gas)                        | : No data available  |
| Self-ignition                                    | : No data available  |
| Auto-ignition temperature                        | : No data available  |
| Smoldering temperature                           | : No data available  |
| Decomposition temperature                        | : No data available  |
| Explosive properties                             | : No data available  |
| Oxidizing properties                             | : No data available  |
| Upper explosion limit / Upper flammability limit | : No data available  |
| Lower explosion limit / Lower flammability limit | : No data available  |
| Vapour pressure                                  | : No data available  |
| Relative vapour density                          | : No data available  |
| Relative density                                 | : No data available  |
| Density  | : ca. 1 g/cm <sup>3</sup>  |
| Bulk density                                     | : No data available  |
| Solubility(ies)                                  |  |
| Water solubility                                 | : immiscible   |
| Solubility in other solvents                     | : No data available  |
| Partition coefficient: n-octanol/water           | : No data available  |
| Decomposition temperature                        | : No data available  |
| Viscosity  |  |
| Viscosity, dynamic                               | : see user defined free text                                     |
| Viscosity, kinematic                             | : No data available  |
| Flow time  | : 10 - 13 s at 20 °C<br>Cross section: 4 mm<br>Method: DIN 53211 |

### 9.2 Other information

No data available

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

No decomposition if stored and applied as directed.

#### 10.2 Chemical stability

No decomposition if stored and applied as directed.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions : Contact with acids and alkalis may release hydrogen.

Stable under recommended storage conditions.

Vapours may form explosive mixture with air.

#### 10.4 Conditions to avoid

Conditions to avoid : Do not allow evaporation to dryness.

Heat, flames and sparks.

#### 10.5 Incompatible materials

Materials to avoid : Acids  
Bases  
Oxidizing agents

#### 10.6 Hazardous decomposition products

Contact with water or humid air : This information is not available.

Thermal decomposition : This information is not available.

---

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

Not classified based on available information.

##### Product:

Acute oral toxicity : Acute toxicity estimate: > 2,000 mg/kg  
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour



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Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2,000 mg/kg  
Method: Calculation method

### **Components:**

#### **xylene:**

Acute inhalation toxicity : Assessment: The component/mixture is moderately toxic after short term inhalation.

#### **ethyl acetate:**

Acute oral toxicity : (Rat): 5,620 mg/kg

Acute inhalation toxicity : LC50 (Rat): 56 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rabbit): > 18,000 mg/kg

#### **zinc powder — zinc dust (stabilised):**

Acute oral toxicity : (Rat): > 2,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 5.41 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

#### **acetone:**

Acute oral toxicity : LD50 (Rabbit): 4,700 - 5,800 mg/kg

(Mouse): 3,000 mg/kg

(Rat): 9,800 mg/kg

Acute inhalation toxicity : LC50 (Rat): 76 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

#### **aluminium powder (stabilised):**

Acute inhalation toxicity : LC50 (Rat): > 5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

#### **Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated naphtha:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): Test atmosphere: vapour

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Remarks: An LC50/inhalation/4h/rat could not be determined because no mortality of rats was observed at the maximum achievable concentration.

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

### **Quaternary ammonium compounds, coco alkylethyldimethyl, Et sulfates:**

Acute oral toxicity : Assessment: The component/mixture is moderately toxic after single ingestion.

Acute dermal toxicity : Assessment: The component/mixture is toxic after single contact with skin.

### **Skin corrosion/irritation**

Causes skin irritation.

#### **Product:**

Remarks: May cause skin irritation in susceptible persons.

#### **Components:**

##### **xylene:**

Result: Skin irritation

##### **acetone:**

Remarks: Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.

##### **butan-1-ol:**

Result: Skin irritation

### **Quaternary ammonium compounds, coco alkylethyldimethyl, Et sulfates:**

Result: Corrosive, category 1C - where responses occur after exposures between 1 hour and 4 hours and observations up to 14 days.

### **Serious eye damage/eye irritation**

Causes serious eye irritation.

#### **Product:**

Remarks: Eye irritation

#### **Components:**

##### **xylene:**

Result: Eye irritation

##### **acetone:**

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Remarks: Severe eye irritation

### **butan-1-ol:**

Result: Irreversible effects on the eye

### **Quaternary ammonium compounds, coco alkylethyldimethyl, Et sulfates:**

Result: Irreversible effects on the eye

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

#### **Germ cell mutagenicity**

Not classified based on available information.

#### **Carcinogenicity**

Not classified based on available information.

#### **Reproductive toxicity**

Not classified based on available information.

#### **STOT - single exposure**

May cause respiratory irritation.

May cause drowsiness or dizziness.

#### **Components:**

##### **xylene:**

Assessment: May cause respiratory irritation.

##### **n-butyl acetate:**

Assessment: May cause drowsiness or dizziness.

##### **butan-1-ol:**

Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.

#### **STOT - repeated exposure**

May cause damage to organs through prolonged or repeated exposure.

#### **Components:**

##### **xylene:**

Target Organs: Central nervous system

Assessment: The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

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### Aspiration toxicity

May be fatal if swallowed and enters airways.

### Components:

#### **xylene:**

May be fatal if swallowed and enters airways.

### Further information

#### Product:

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Concentrations substantially above the TLV value may cause narcotic effects.

Solvents may degrease the skin.

### Components:

#### **zinc powder — zinc dust (stabilised):**

Remarks: No data available

#### **Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated naphtha:**

Remarks: Solvents may degrease the skin.

---

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### **ethyl acetate:**

Toxicity to daphnia and other : (Daphnia (water flea)): 717 mg/l  
aquatic invertebrates

##### **zinc powder — zinc dust (stabilised):**

#### **Ecotoxicology Assessment**

Short-term (acute) aquatic : Very toxic to aquatic life.  
hazard

Long-term (chronic) aquatic : Very toxic to aquatic life with long lasting effects.  
hazard

##### **acetone:**

Toxicity to daphnia and other : (Daphnia magna (Water flea)): 21,600 mg/l  
aquatic invertebrates

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### Quaternary ammonium compounds, coco alkylethyldimethyl, Et sulfates:

M-Factor (Short-term (acute) : 10  
aquatic hazard)

M-Factor (Long-term : 1  
(chronic) aquatic hazard)

### Ecotoxicology Assessment

Short-term (acute) aquatic : Very toxic to aquatic life.  
hazard

Long-term (chronic) aquatic : Very toxic to aquatic life with long lasting effects.  
hazard

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

#### Components:

##### **n-butyl acetate:**

Partition coefficient: n- : log Pow: 2.3  
octanol/water

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

### 12.6 Other adverse effects

#### Product:

Additional ecological : An environmental hazard cannot be excluded in the event of  
information unprofessional handling or disposal.  
Toxic to aquatic life with long lasting effects.

#### Components:

##### **zinc powder — zinc dust (stabilised):**

Additional ecological : An environmental hazard cannot be excluded in the event of  
information unprofessional handling or disposal.  
Very toxic to aquatic life with long lasting effects.

**Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha:**

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Additional ecological information : No data available

### SECTION 13: Disposal considerations

European Waste Catalogue : 16 05 04 - gases in pressure containers (including halons) containing dangerous substances

#### 13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.  
In accordance with local and national regulations.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.  
In accordance with local and national regulations.

### SECTION 14: Transport information

#### 14.1 UN number

ADR : UN 1263  
IMDG : UN 1263  
IATA : UN 1263

#### 14.2 UN proper shipping name

ADR : PAINT  
IMDG : PAINT  
(Zinc powder, stabilized)  
IATA : Paint

#### 14.3 Transport hazard class(es)

ADR : 3  
IMDG : 3  
IATA : 3

#### 14.4 Packing group

ADR  
Packing group : II

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Classification Code : F1  
Hazard Identification Number : 33  
Labels : 3  
Tunnel restriction code : (D/E)

### IMDG

Packing group : II  
Labels : 3  
EmS Code : F-E, S-E

### IATA (Cargo)

Packing instruction (cargo aircraft) : 364  
Packing instruction (LQ) : Y341  
Packing group : II  
Labels : Flammable Liquids

### IATA (Passenger)

Packing instruction (passenger aircraft) : 353  
Packing instruction (LQ) : Y341  
Packing group : II  
Labels : Flammable Liquids

## 14.5 Environmental hazards

### ADR

Environmentally hazardous : yes

### IMDG

Marine pollutant : yes

## 14.6 Special precautions for user

Not applicable

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

Not applicable for product as supplied.

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

REACH - Restrictions on the manufacture, placing on : Conditions of restriction for the

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the market and use of certain dangerous substances, preparations and articles (Annex XVII)

following entries should be considered:

Number on list 3  
xylene (Number on list 3)  
acetone (Number on list 40, 3)  
aluminium powder (stabilised)  
(Number on list 40)  
Naphtha (petroleum), hydrotreated  
heavy; Low boiling point ydrogen  
treated naphtha (Number on list 3)  
Quaternary ammonium compounds,  
coco alkylethylidimethyl, Et sulfates  
(Number on list 3)  
Castor oil, sulfated, sodium salt  
(Number on list 3)

Volatile organic compounds : Directive 2004/42/EC  
Volatile organic compounds (VOC) content: 68.53 %, 685.25 g/l

### 15.2 Chemical safety assessment

## SECTION 16: Other information

### Full text of H-Statements

|      |  |
|------|--|
| H225 | : Highly flammable liquid and vapour.                                |
| H226 | : Flammable liquid and vapour.                                       |
| H228 | : Flammable solid.   |
| H302 | : Harmful if swallowed.  |
| H304 | : May be fatal if swallowed and enters airways.                      |
| H311 | : Toxic in contact with skin.  |
| H312 | : Harmful in contact with skin.                                      |
| H314 | : Causes severe skin burns and eye damage.                           |
| H315 | : Causes skin irritation.  |
| H318 | : Causes serious eye damage.   |
| 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. |
| H400 | : Very toxic to aquatic life.  |
| H410 | : Very toxic to aquatic life with long lasting effects.              |

### Full text of other abbreviations

|                 |                                      |
|-----------------|--------------------------------------|
| Acute Tox.      | : Acute toxicity                     |
| Aquatic Acute   | : Short-term (acute) aquatic hazard  |
| Aquatic Chronic | : Long-term (chronic) aquatic hazard |
| Asp. Tox.       | : Aspiration hazard                  |
| Eye Dam.        | : Serious eye damage                 |
| Eye Irrit.      | : Eye irritation                     |



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|                     |  |
|---------------------|--|
| Flam. Liq.          | : Flammable liquids  |
| Flam. Sol.          | : Flammable solids   |
| Skin Corr.          | : Skin corrosion   |
| Skin Irrit.         | : Skin irritation  |
| STOT RE             | : Specific target organ toxicity - repeated exposure   |
| STOT SE             | : Specific target organ toxicity - single exposure   |
| 2000/39/EC          | : Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values   |
| 2017/164/EU         | : Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values |
| 2019/1831/EU        | : Europe. Commission Directive 2019/1831/EU establishing a fifth list of indicative occupational exposure limit values |
| GB EH40             | : UK. EH40 WEL - Workplace Exposure Limits   |
| GB EH40 BAT         | : UK. Biological monitoring guidance values  |
| 2000/39/EC / TWA    | : Limit Value - eight hours  |
| 2000/39/EC / STEL   | : Short term exposure limit  |
| 2017/164/EU / STEL  | : Short term exposure limit  |
| 2017/164/EU / TWA   | : Limit Value - eight hours  |
| 2019/1831/EU / TWA  | : Limit Value - eight hours  |
| 2019/1831/EU / STEL | : Short term exposure limit  |
| GB EH40 / TWA       | : Long-term exposure limit (8-hour TWA reference period)   |
| GB EH40 / STEL      | : Short-term exposure limit (15-minute reference period)   |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## Agent Zinc light 180 kgs 17-09016

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Print Date: 03.03.2022          |
| 5.0     | 01.12.2020     | 102000000162 | Date of first issue: 13.01.2014 |

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Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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