

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

#### 1.1. Product identifier

|                 |   |
|-----------------|---|
| Product form    | : Article   |
| Product name    | : Smart Jump Rope Polymer Li-ion battery  |
| Product code    | : BTHJR10BK   |
| Type of product | : SP-188 Lithium cells and batteries are not subject to provision of ADR because lithium metal is less than 2 gram. |

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

##### 1.2.1. Relevant identified uses

|                              |   |
|------------------------------|---|
| Intended for general public  |   |
| Use of the substance/mixture | : Electrical batteries and accumulators |

##### 1.2.2. Uses advised against

|                     |                         |
|---------------------|-------------------------|
| Restrictions on use | : Do not open batteries |
|---------------------|-------------------------|

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

Nedis B.V.  
De Tweeling 28  
5215MC 's Hertogenbosch – The Netherlands  
T +31 735991055  
[www.nedis.com](http://www.nedis.com)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Not classified

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains : Cobalt lithium dioxide; Phosphate(1),hexafluoro-,Lithium; nickel

#### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name                             | Product identifier  | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]                   |
|----------------------------------|---|---------|---|
| Cobalt lithium dioxide           | CAS-No.: 12190-79-3<br>EC-No.: 235-362-0                              | 15 – 40 | Repr. 1A, H360  |
| Graphite                         | CAS-No.: 7782-42-5  | 10 – 30 | Not classified  |
| Phosphate(1),hexafluoro-,Lithium | CAS-No.: 21324-40-3   | 10 – 30 | Acute Tox. 3 (Oral), H301<br>Skin Corr. 1, H314<br>STOT RE 1, H372                |
| copper                           | CAS-No.: 7440-50-8  | 7 – 13  | Aquatic Chronic 2, H411   |
| aluminium                        | CAS-No.: 7429-90-5<br>EC-No.: 231-072-3<br>EC Index-No.: 013-002-00-1 | 5 – 10  | Water-react. 2, H261<br>Flam. Sol. 1, H228  |
| nickel                           | CAS-No.: 7440-02-0<br>EC-No.: 231-111-4<br>EC Index-No.: 028-002-00-7 | 1 – 5   | Skin Sens. 1, H317<br>Carc. 2, H351<br>STOT RE 1, H372<br>Aquatic Chronic 3, H412 |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin with plenty of water.                                |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.                         |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.           |

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

No additional information available

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Dry powder. Foam.

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

|  |                                |
|--|--------------------------------|
| Fire hazard                                      | : Flammable solid.             |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Mechanically recover the product.  
Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

Storage conditions : Store in a well-ventilated place. Keep cool.  
Storage temperature : < 70 °C

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

| copper (7440-50-8)                                 |  |
|--|--|
| EU - Indicative Occupational Exposure Limit (IOEL) |  |
| Local name   | Copper   |
| Remark   | (Year of adoption 2014)  |
| Regulatory reference                               | SCOEL Recommendations  |
| Netherlands - Occupational Exposure Limits         |  |
| Local name   | Koper  |
| TGG-8u (OEL TWA)                                   | 0,1 mg/m <sup>3</sup> en anorganische koperverbindingen (inhaleerbaar) |
| Regulatory reference                               | Arbeidsomstandighedenregeling 2022                                     |

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| nickel (7440-02-0)  |  |
|---|--|
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b> |  |
| Local name  | Nickel metal   |
| Remark  | (Year of adoption 2011)                              |
| Regulatory reference                                      | SCOEL Recommendations                                |
| <b>EU - Biological Limit Value (BLV)</b>                  |  |
| Local name  | Nickel and nickel compounds                          |
| Regulatory reference                                      | SCOEL List of recommended health-based BLVs and BGVs |

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

#### 8.2.2.1. Eye and face protection

No additional information available

#### 8.2.2.2. Skin protection

No additional information available

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                       |  |
|-----------------------|--|
| Physical state        | : Solid  |
| Colour                | : Not available  |
| Odour                 | : Not available  |
| Odour threshold       | : Not available  |
| Melting point         | : Not available  |
| Freezing point        | : Not applicable   |
| Boiling point         | : Not available  |
| Flammability          | : Flammable solid, In contact with water releases flammable gases. |
| Lower explosion limit | : Not applicable   |

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|   |                  |
|---|------------------|
| Upper explosion limit                           | : Not applicable |
| Flash point                                     | : Not applicable |
| Auto-ignition temperature                       | : Not applicable |
| Decomposition temperature                       | : Not available  |
| pH  | : Not available  |
| pH solution                                     | : Not available  |
| Viscosity, kinematic                            | : Not applicable |
| Solubility                                      | : Not available  |
| Partition coefficient n-octanol/water (Log Kow) | : Not available  |
| Vapour pressure                                 | : Not available  |
| Vapour pressure at 50°C                         | : Not available  |
| Density   | : Not available  |
| Relative density                                | : Not available  |
| Relative vapour density at 20°C                 | : Not applicable |
| Particle size                                   | : Not available  |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport. Flammable solid.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. In contact with water releases flammable gases.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition. Water, humidity.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

#### Cobalt lithium dioxide (12190-79-3)

|                 |   |
|-----------------|---|
| LD50 oral rat   | > 5000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure) |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)  |

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|                                   |                  |
|-----------------------------------|------------------|
| Skin corrosion/irritation         | : Not classified |
| Serious eye damage/irritation     | : Not classified |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity            | : Not classified |
| Carcinogenicity                   | : Not classified |
| Reproductive toxicity             | : Not classified |
| STOT-single exposure              | : Not classified |
| STOT-repeated exposure            | : Not classified |

### Phosphate(1),hexafluoro-,Lithium (21324-40-3)

|                        |   |
|------------------------|---|
| STOT-repeated exposure | Causes damage to organs through prolonged or repeated exposure. |
|------------------------|---|

### nickel (7440-02-0)

|                        |   |
|------------------------|---|
| STOT-repeated exposure | Causes damage to organs through prolonged or repeated exposure. |
|------------------------|---|

|                   |                  |
|-------------------|------------------|
| Aspiration hazard | : Not classified |
|-------------------|------------------|

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|                      |                |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |
|----------------------|----------------|

## 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |  |
|---|--|
| Ecology - general   | : Harmful to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                                     |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified                                     |
| Not rapidly degradable                                    |  |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                         |   |
|-------------------------|---|
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
|-------------------------|---|






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### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR  | IMDG   | IATA   | ADN  | RID  |
|--|--|--|--|--|
| <b>14.1. UN number or ID number</b>  |  |  |  |  |
| UN 3481  | UN 3481  | UN 3481  | UN 3481  | UN 3481  |
| <b>14.2. UN proper shipping name</b>   |  |  |  |  |
| LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT                                       | LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT                                       | Lithium ion batteries contained in equipment                                       | LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT   | LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT   |
| <b>Transport document description</b>  |  |  |  |  |
| UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT, 9A, (E)                      | UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT, 9                            | UN 3481 Lithium ion batteries contained in equipment, 9A                           | UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT, 9A                             | UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT, 9A                             |
| <b>14.3. Transport hazard class(es)</b>  |  |  |  |  |
| 9A   | 9  | 9A   | 9A   | 9A   |
|  |  |  |  |  |
| <b>14.4. Packing group</b>   |  |  |  |  |
| Not applicable   | Not applicable   | Not applicable   | Not applicable   | Not applicable   |
| <b>14.5. Environmental hazards</b>   |  |  |  |  |
| Dangerous for the environment: No  | Dangerous for the environment: No<br>Marine pollutant: No                          | Dangerous for the environment: No  | Dangerous for the environment: No  | Dangerous for the environment: No  |
| No supplementary information available   |  |  |  |  |

### 14.6. Special precautions for user

#### Overland transport

|                               |  |
|-------------------------------|--|
| Classification code (ADR)     | : M4   |
| Special provisions (ADR)      | : 188, 230, 310, 348, 360, 376, 377, 387, 670              |
| Limited quantities (ADR)      | : 0  |
| Excepted quantities (ADR)     | : E0   |
| Packing instructions (ADR)    | : P903, P908, P909, P910, P911, LP903, LP904, LP905, LP906 |
| Transport category (ADR)      | : 2  |
| Tunnel restriction code (ADR) | : E  |
| EAC code                      | : 4W   |

#### Transport by sea

|                                    |   |
|------------------------------------|---|
| Special provisions (IMDG)          | : 188, 230, 310, 348, 360, 376, 377, 384, 387   |
| Limited quantities (IMDG)          | : 0   |
| Excepted quantities (IMDG)         | : E0  |
| Packing instructions (IMDG)        | : P903, P908, P909, P910, P911, LP903, LP904, LP905, LP906  |
| EmS-No. (Fire)                     | : F-A   |
| EmS-No. (Spillage)                 | : S-I   |
| Stowage category (IMDG)            | : A   |
| Stowage and handling (IMDG)        | : SW19  |
| Properties and observations (IMDG) | : Electrical batteries containing lithium ion encased in a rigid metallic body. Lithium ion batteries may also be shipped in, or packed with, equipment. Electrical lithium batteries may cause fire due to an explosive rupture of the body caused by improper construction or reaction with contaminants. |

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### Air transport

|  |   |
|--|---|
| PCA Excepted quantities (IATA)               | : E0  |
| PCA Limited quantities (IATA)                | : Forbidden   |
| PCA limited quantity max net quantity (IATA) | : Forbidden   |
| PCA packing instructions (IATA)              | : 967   |
| PCA max net quantity (IATA)                  | : 5kg   |
| CAO packing instructions (IATA)              | : 967   |
| CAO max net quantity (IATA)                  | : 35kg  |
| Special provisions (IATA)                    | : A48, A88, A99, A154, A164, A181, A185, A206, A213, A220 |
| ERG code (IATA)                              | : 12FZ  |

### Inland waterway transport

|                                   |   |
|-----------------------------------|---|
| Classification code (ADN)         | : M4  |
| Special provisions (ADN)          | : 188, 230, 310, 348, 360, 376, 377, 387, 670 |
| Limited quantities (ADN)          | : 0   |
| Excepted quantities (ADN)         | : E0  |
| Equipment required (ADN)          | : PP  |
| Number of blue cones/lights (ADN) | : 0   |

### Rail transport

|                                       |  |
|---------------------------------------|--|
| Classification code (RID)             | : M4   |
| Special provisions (RID)              | : 188, 230, 310, 348, 360, _376, 377, 387, 670           |
| Limited quantities (RID)              | : 0  |
| Excepted quantities (RID)             | : E0   |
| Packing instructions (RID)            | : P903, 908, 909, P910, P911, LP903, LP904, LP905, LP906 |
| Transport category (RID)              | : 2  |
| Colis express (express parcels) (RID) | : CE2  |
| Hazard identification number (RID)    | : 90   |

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Not applicable.

##### REACH Annex XIV (Authorisation List)

Not applicable.

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Explosives Precursors Regulation (2019/1148)

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### ANNEX II REPORTABLE EXPLOSIVES PRECURSORS

List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported to the relevant national contact point within 24 hours.



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| Name               | CAS-No.   | Combined Nomenclature code (CN) | Combined Nomenclature code for mixture without constituents which would determine classification under another CN code |
|--------------------|-----------|---------------------------------|--|
| Aluminium, powders | 7429-90-5 | 7603 10 00; ex 7603 20 00       |  |

Please see [https://home-affairs.ec.europa.eu/policies/internal-security/counter-terrorism-and-radicalisation/protection/legislation-chemicals-used-home-made-explosives\\_en](https://home-affairs.ec.europa.eu/policies/internal-security/counter-terrorism-and-radicalisation/protection/legislation-chemicals-used-home-made-explosives_en)

### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.1.2. National regulations

#### France

| Occupational diseases |   |
|-----------------------|---|
| Code                  | Description   |
| RG 25                 | Diseases resulting from the inhalation of mineral dust containing crystalline silica (quartz, cristobalite, tridymite), crystalline silicates (kaolin, talc), graphite or coal. |

#### Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).  
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

Storage class (LGK, TRGS 510) : LGK 11 - Combustible solids.

Joint storage table :

|          |         |          |          |           |
|----------|---------|----------|----------|-----------|
| LGK 1    | LGK 2A  | LGK 2B   | LGK 3    | LGK 4.1A  |
| LGK 4.1B | LGK 4.2 | LGK 4.3  | LGK 5.1A | LGK 5.1B  |
| LGK 5.1C | LGK 5.2 | LGK 6.1A | LGK 6.1B | LGK 6.1C  |
| LGK 6.1D | LGK 6.2 | LGK 7    | LGK 8A   | LGK 8B    |
| LGK 10   | LGK 11  | LGK 12   | LGK 13   | LGK 10-13 |

Joint storage not permitted for : LGK 1, LGK 5.1A, LGK 6.2, LGK 7.

Joint storage with restrictions permitted for : LGK 2A, LGK 3, LGK 4.1A, LGK 4.2, LGK 4.3, LGK 5.1B, LGK 5.1C, LGK 5.2, LGK 6.1A, LGK 6.1B.

Joint storage permitted for : LGK 2B, LGK 4.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13.

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

#### Netherlands

ABM category : Z(1) - non biodegradable substances with hazardous properties for humans and the environment (carcinogenicity/ mutagenicity/ reprotoxicity/bioacumulative potential/ toxicity or persistence)

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

#### Denmark

Danish National Regulations : Pregnant/breastfeeding women working with the product must not be in direct contact with the product

The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

#### Switzerland

Storage class (LK) : LK 11/13 - Solids

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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

#### Abbreviations and acronyms:

|         |   |
|---------|---|
| 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             |
| ATE     | Acute Toxicity Estimate   |
| BCF     | Bioconcentration factor   |
| BLV     | Biological limit value  |
| BOD     | Biochemical oxygen demand (BOD)   |
| COD     | Chemical oxygen demand (COD)  |
| DMEL    | Derived Minimal Effect level  |
| DNEL    | Derived-No Effect Level   |
| EC-No.  | European Community number   |
| EC50    | Median effective concentration  |
| EN      | European Standard   |
| IARC    | International Agency for Research on Cancer   |
| IATA    | International Air Transport Association   |
| IMDG    | International Maritime Dangerous Goods  |
| LC50    | Median lethal concentration   |
| LD50    | Median lethal dose  |
| LOAEL   | Lowest Observed Adverse Effect Level  |
| NOAEC   | No-Observed Adverse Effect Concentration  |
| NOAEL   | No-Observed Adverse Effect Level  |
| NOEC    | No-Observed Effect Concentration  |
| OECD    | Organisation for Economic Co-operation and Development  |
| OEL     | Occupational Exposure Limit   |
| PBT     | Persistent Bioaccumulative Toxic  |
| PNEC    | Predicted No-Effect Concentration   |
| RID     | Regulations concerning the International Carriage of Dangerous Goods by Rail                    |
| SDS     | Safety Data Sheet   |
| STP     | Sewage treatment plant  |
| ThOD    | Theoretical oxygen demand (ThOD)  |
| TLM     | Median Tolerance Limit  |
| VOC     | Volatile Organic Compounds  |
| CAS-No. | Chemical Abstract Service number  |
| N.O.S.  | Not Otherwise Specified   |
| vPvB    | Very Persistent and Very Bioaccumulative  |
| ED      | Endocrine disrupting properties   |

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| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Acute Tox. 3 (Oral)                 | Acute toxicity (oral), Category 3  |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment – Chronic Hazard, Category 2                      |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment – Chronic Hazard, Category 3                      |
| Carc. 2                             | Carcinogenicity, Category 2  |
| Flam. Sol. 1                        | Flammable solids, Category 1   |
| H228                                | Flammable solid.   |
| H261                                | In contact with water releases flammable gases.  |
| H301                                | Toxic if swallowed.  |
| H314                                | Causes severe skin burns and eye damage.   |
| H317                                | May cause an allergic skin reaction.   |
| H351                                | Suspected of causing cancer.   |
| H360                                | May damage fertility or the unborn child.  |
| H372                                | Causes damage to organs through prolonged or repeated exposure.                        |
| H411                                | Toxic to aquatic life with long lasting effects.                                       |
| H412                                | Harmful to aquatic life with long lasting effects.                                     |
| Repr. 1A                            | Reproductive toxicity, Category 1A   |
| Skin Corr. 1                        | Skin corrosion/irritation, Category 1  |
| Skin Sens. 1                        | Skin sensitisation, Category 1   |
| STOT RE 1                           | Specific target organ toxicity – Repeated exposure, Category 1                         |
| Water-react. 2                      | Substances and Mixtures which, in contact with water, emit flammable gases, Category 2 |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.