

## KODAK LED Rechargeable Flashlights

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Issue date: 25/02/2021 Version: 2.0

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

##### 1.1. Product identifier

Product form : Article  
Product name : KODAK LED Flashlight Handy 100R, Handy 150R, KODAK LED Flashlight Multiuse 150R

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

###### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Consumer use  
Industrial/Professional use spec : Industrial  
For professional use only  
Use of the substance/mixture : Lithium batteries

###### 1.2.2. Uses advised against

No additional information available

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

Registered Address:  
Strand Europe Ltd, 3<sup>rd</sup> Floor  
207 Regent Street, London, W1B 3HH- United Kingdom  
T +44 (0) 1252 861000  
[sales@strandeurope.com](mailto:sales@strandeurope.com)

##### 1.4. Emergency telephone number

Emergency number : For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night 1-800-424-9300 / +1 703-527-3887

#### SECTION 2: Hazards identification

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

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

Explosive Not classified  
Acute toxicity (oral), Category 3 H301  
Acute toxicity (inhalation:dust,mist) Category 4 H332  
Skin corrosion/irritation, Category 1, Sub-Category 1A H314  
Skin sensitisation, Category 1 H317  
Carcinogenicity, Category 1A H350  
Reproductive toxicity, Category 2 H361  
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation H335  
Specific target organ toxicity — Repeated exposure, Category 1 H372  
Hazardous to the aquatic environment — Acute Hazard, Category 1 H400  
Hazardous to the aquatic environment — Chronic Hazard, Category 1 H410  
Full text of H statements : see section 16

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

No additional information available

## KODAK LED Rechargeable Flashlights

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

GHS06

GHS08

GHS09

Signal word (CLP) :

Danger

Contains :

Graphite; Copper Foil (Cu); Ethylene Carbonate; Nickel (Ni); lithium hexafluorophosphate; Lithium Cobalt Oxide

Hazard statements (CLP) :

H301 - Toxic if swallowed.  
 H314 - Causes severe skin burns and eye damage.  
 H317 - May cause an allergic skin reaction.  
 H332 - Harmful if inhaled.  
 H335 - May cause respiratory irritation.  
 H350 - May cause cancer.  
 H361 - Suspected of damaging fertility or the unborn child.  
 H372 - Causes damage to organs through prolonged or repeated exposure.  
 H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P102 - Keep out of reach of children.  
 P201 - Obtain special instructions before use.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
 P264 - Wash hands, forearms and face thoroughly after handling.  
 P270 - Do not eat, drink or smoke when using this product.

Child-resistant fastening :

Applicable

Tactile warning :

Applicable

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name                 | Product identifier                       | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]                    |
|----------------------|--|---------|--|
| Lithium Cobalt Oxide | CAS-No.: 12190-79-3<br>EC-No.: 235-362-0 | 10 – 60 | Acute Tox. 4 (Oral), H302<br>Skin Sens. 1, H317<br>Carc. 1A, H350<br>Repr. 2, H361 |
| Ethylene Carbonate   | CAS-No.: 96-49-1<br>EC-No.: 202-510-0    | 1 – 40  | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319<br>STOT RE 2, H373                 |

## KODAK LED Rechargeable Flashlights

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| Name   | Product identifier   | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|--|--|---------|---|
| Copper Foil (Cu)<br>substance with national workplace exposure limit(s)<br>(GB)  | CAS-No.: 7440-50-8   | 10 – 40 | Acute Tox. 4 (Oral), H302<br>Acute Tox. 3 (Inhalation), H331<br>Eye Irrit. 2, H319<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410<br>Aquatic Chronic 3, H412 |
| Graphite   | CAS-No.: 7782-42-5<br>EC-No.: 231-955-3  | 10 – 40 | Eye Irrit. 2, H319<br>STOT SE 3, H335   |
| lithium hexafluorophosphate  | CAS-No.: 21324-40-3<br>EC-No.: 244-334-7   | 1 – 20  | Acute Tox. 3 (Oral), H301<br>Skin Corr. 1A, H314<br>Eye Dam. 1, H318<br>STOT RE 1, H372   |
| Aluminum Foil (Al)<br>substance with national workplace exposure limit(s)<br>(GB)  | CAS-No.: 7429-90-5   | 1 – 20  | Not classified  |
| Ethylmethyl Carbonate  | CAS-No.: 623-53-0<br>EC-No.: 613-014-2   | 1 – 10  | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335  |
| Nickel (Ni)<br>substance with national workplace exposure limit(s)<br>(GB); substance with a Community workplace<br>exposure limit<br>(Note S)(Note 7) | CAS-No.: 7440-02-0<br>EC-No.: 231-111-4<br>EC Index-No.: 028-002-00-7<br>REACH-no: 01-2119438727-<br>29-XXXX | 1 – 10  | Carc. 2, H351<br>STOT RE 1, H372<br>Skin Sens. 1, H317  |

Note 7 : Alloys containing nickel are classified for skin sensitisation when the release rate of 0,5 µg Ni/cm<sup>2</sup>/week, as measured by the European Standard reference test method EN 1811, is exceeded.

Note S : This substance may not require a label according to Article 17 (see section 1.3 of Annex I) (Table 3.1). This substance may not require a label according to Article 23 of Directive 67/548/EEC (see section 8 of Annex VI to that Directive) (Table 3.2).

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.   |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. Immediately call a POISON CENTRE or doctor/physician.  |
| First-aid measures after skin contact | : Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTRE or doctor/physician. Wash with plenty of water/... If skin irritation or rash occurs: Gently wash with plenty of soap and water. Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). Wash contaminated clothing before reuse. |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician.  |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE or doctor/physician. Specific treatment (see supplemental first aid instruction on this label).   |

## KODAK LED Rechargeable Flashlights

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects                    | : This product is not expected to cause a hazard however if the casing splits then the contents may cause a hazard.   |
| Symptoms/effects after inhalation   | : Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause an allergic skin reaction. May cause cancer by inhalation. May cause respiratory irritation. |
| Symptoms/effects after skin contact | : Causes severe burns.  |
| Symptoms/effects after eye contact  | : Causes serious eye damage.  |
| Symptoms/effects after ingestion    | : Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.  |

#### 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. Carbon dioxide.      |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

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

|  |   |
|--|---|
| Fire hazard                                      | : Heating may cause a fire or explosion.  |
| Explosion hazard                                 | : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. |
| Hazardous decomposition products in case of fire | : Carbon dioxide. Carbon monoxide. lithium oxide fumes. possible phosphorous oxides. Hydrofluoric Acid.           |

#### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid fire-fighting water entering the environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection.  |

### SECTION 6: Accidental release measures

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

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

|                      |                                   |
|----------------------|-----------------------------------|
| Emergency procedures | : Evacuate unnecessary personnel. |
|----------------------|-----------------------------------|

##### 6.1.2. For emergency responders

|                      |  |
|----------------------|--|
| Protective equipment | : Equip cleanup crew with proper protection. |
| Emergency procedures | : Ventilate area.                            |

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

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

|                         |  |
|-------------------------|--|
| Methods for cleaning up | : On land, sweep or shovel into suitable containers. Minimise generation of dust. Store away from other materials. |
|-------------------------|--|

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## KODAK LED Rechargeable Flashlights

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

|                               |   |
|-------------------------------|---|
| Precautions for safe handling | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact during pregnancy/while nursing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. |
| Hygiene measures              | : Do not eat, drink or smoke when using this product. Wash hands, forearms and face thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.  |

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

|                        |   |
|------------------------|---|
| Technical measures     | : Comply with applicable regulations.   |
| Storage conditions     | : Keep only in the original container in a cool, well ventilated place away from : Keep container tightly closed. |
| Incompatible products  | : Strong bases. Strong acids.   |
| Incompatible materials | : Sources of ignition. Direct sunlight.   |

##### 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 Foil (Cu) (7440-50-8)                              |   |
|---|---|
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b> |   |
| Local name  | Copper  |
| Notes   | (Year of adoption 2014)   |
| Regulatory reference                                      | SCOEL Recommendations   |
| <b>United Kingdom - Occupational Exposure Limits</b>      |   |
| Local name  | Copper  |
| WEL TWA (OEL TWA) [1]                                     | 0.2 mg/m <sup>3</sup> fume (as Cu)<br>1 mg/m <sup>3</sup> and compounds, dusts and mists (as Cu)  |
| WEL STEL (OEL STEL)                                       | 2 mg/m <sup>3</sup> and compounds, dusts and mists (as Cu)  |
| Regulatory reference                                      | EH40/2005 (Fourth edition, 2020). HSE   |
| Aluminum Foil (Al) (7429-90-5)                            |   |
| <b>United Kingdom - Occupational Exposure Limits</b>      |   |
| Local name  | Aluminium   |
| WEL TWA (OEL TWA) [1]                                     | 2 mg/m <sup>3</sup> alkyl compounds<br>2 mg/m <sup>3</sup> salts, soluble<br>10 mg/m <sup>3</sup> metal, inhalable dust<br>4 mg/m <sup>3</sup> metal, respirable dust |

## KODAK LED Rechargeable Flashlights

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| Aluminum Foil (Al) (7429-90-5)                     |   |
|--|---|
| Regulatory reference                               | EH40/2005 (Fourth edition, 2020). HSE   |
| Nickel (Ni) (7440-02-0)                            |   |
| EU - Indicative Occupational Exposure Limit (IOEL) |   |
| Local name   | Nickel metal  |
| IOEL TWA   | 0.005 mg/m <sup>3</sup> (respirable fraction)   |
| Notes  | (Year of adoption 2011)   |
| Regulatory reference                               | SCOEL Recommendations   |
| EU - Biological Limit Value (BLV)                  |   |
| Local name   | Nickel and nickel compounds   |
| BLV  | 3 µg/l Parameter: nickel - Medium: urine  |
| Regulatory reference                               | SCOEL List of recommended health-based BLVs and BGVs  |
| United Kingdom - Occupational Exposure Limits      |   |
| Local name   | Nickel  |
| WEL TWA (OEL TWA) [1]                              | 0.1 mg/m <sup>3</sup> and its inorganic compounds (except nickel tetracarbonyl): water-soluble nickel compounds (as Ni)<br>0.5 mg/m <sup>3</sup> and its inorganic compounds (except nickel tetracarbonyl): nickel and water insoluble nickel compounds (as Ni)   |
| Remark (WEL)                                       | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity), Carc (Capable of causing cancer and/or heritable genetic damage (nickel oxides and sulphides)), Sen (Capable of causing occupational asthma (nickel sulphate)) |
| Regulatory reference                               | EH40/2005 (Fourth edition, 2020). HSE   |

#### 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 adequate ventilation.

#### 8.2.2. Personal protection equipment

##### Personal protective equipment:

Avoid all unnecessary exposure.

## KODAK LED Rechargeable Flashlights

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Chemical goggles or face shield

| Eye protection |                      |                 |          |
|----------------|----------------------|-----------------|----------|
| Type           | Field of application | Characteristics | Standard |
| Safety goggles |                      | clear           | EN 166   |

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Wear protective gloves.

| Hand protection   |                         |            |                |             |            |
|-------------------|-------------------------|------------|----------------|-------------|------------|
| Type              | Material                | Permeation | Thickness (mm) | Penetration | Standard   |
| Disposable gloves | Polyvinylchloride (PVC) |            |                |             | EN ISO 374 |

#### 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

##### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

|  |                     |
|--|---------------------|
| Physical state                             | : Solid             |
| Colour                                     | : black.            |
| Odour                                      | : Odourless.        |
| Odour threshold                            | : No data available |
| pH   | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point                              | : No data available |
| Freezing point                             | : No data available |
| Boiling point                              | : No data available |
| Flash point                                | : No data available |
| Auto-ignition temperature                  | : No data available |
| Decomposition temperature                  | : No data available |

## KODAK LED Rechargeable Flashlights

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|   |                     |
|---|---------------------|
| Flammability (solid, gas)                       | : Non flammable.    |
| Vapour pressure                                 | : No data available |
| Relative vapour density at 20 °C                | : No data available |
| Relative density                                | : No data available |
| Solubility                                      | : Insoluble.        |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic                            | : No data available |
| Viscosity, dynamic                              | : No data available |
| Explosive properties                            | : No data available |
| Oxidising properties                            | : No data available |
| Explosive limits                                | : No data available |

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Thermal decomposition generates : Corrosive vapours.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

Water. Heat.

#### 10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : Corrosive vapours.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

|                             |                       |
|-----------------------------|-----------------------|
| Acute toxicity (oral)       | : Toxic if swallowed. |
| Acute toxicity (dermal)     | : Not classified      |
| Acute toxicity (inhalation) | : Harmful if inhaled. |

| KODAK LED Flashlight Handy 150R, KODAK LED Flashlight Multiuse 150R and KODAK LED |   |
|---|---|
| ATE CLP (oral)  | 191.571 mg/kg bodyweight  |
| ATE CLP (dust,mist)   | 1.667 mg/l/4h   |
| Ethylene Carbonate (96-49-1)  |   |
| LD50 oral rat   | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: other:EPA FR, vol.50,No.188,1985 |



## KODAK LED Rechargeable Flashlights

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| <b>Ethylene Carbonate (96-49-1)</b>                 |  |
|---|--|
| LD50 dermal rat                                     | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))   |
| <b>lithium hexafluorophosphate (21324-40-3)</b>     |  |
| LD50 oral rat                                       | 50 – 300 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity) |
| <b>Nickel (Ni) (7440-02-0)</b>                      |  |
| LD50 oral rat                                       | > 9000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)   |
| Skin corrosion/irritation                           | : Causes severe skin burns.  |
| Serious eye damage/irritation                       | : Assumed to cause serious eye damage  |
| Respiratory or skin sensitisation                   | : May cause an allergic skin reaction.   |
| Germ cell mutagenicity                              | : Not classified   |
| Additional information                              | : Based on available data, the classification criteria are not met   |
| Carcinogenicity                                     | : May cause cancer.  |
| <b>Nickel (Ni) (7440-02-0)</b>                      |  |
| IARC group  | 2B - Possibly carcinogenic to humans   |
| Reproductive toxicity                               | : Suspected of damaging fertility or the unborn child.   |
| <b>lithium hexafluorophosphate (21324-40-3)</b>     |  |
| NOAEL (animal/male, F0/P)                           | 500 mg/kg bodyweight Animal: rat, Animal sex: male   |
| STOT-single exposure                                | : May cause respiratory irritation.  |
| <b>Graphite (7782-42-5)</b>                         |  |
| STOT-single exposure                                | May cause respiratory irritation.  |
| <b>Ethylmethyl Carbonate (623-53-0)</b>             |  |
| STOT-single exposure                                | May cause respiratory irritation.  |
| STOT-repeated exposure                              | : Causes damage to organs through prolonged or repeated exposure.  |
| <b>Ethylene Carbonate (96-49-1)</b>                 |  |
| NOAEL (oral, rat, 90 days)                          | 150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 452 (Chronic Toxicity Studies)   |
| STOT-repeated exposure                              | May cause damage to organs through prolonged or repeated exposure.   |
| <b>lithium hexafluorophosphate (21324-40-3)</b>     |  |
| STOT-repeated exposure                              | Causes damage to organs through prolonged or repeated exposure.  |
| <b>Nickel (Ni) (7440-02-0)</b>                      |  |
| STOT-repeated exposure                              | Causes damage to organs through prolonged or repeated exposure.  |
| Aspiration hazard                                   | : Not classified   |
| Additional information                              | : Based on available data, the classification criteria are not met   |
| Potential adverse human health effects and symptoms | : Harmful if inhaled, Toxic if swallowed.  |

## KODAK LED Rechargeable Flashlights

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

#### SECTION 12: Ecological information

##### 12.1. Toxicity

Ecology - water : Very toxic to aquatic life with long lasting effects.  
 Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.  
 Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.

| lithium hexafluorophosphate (21324-40-3) |  |
|--|--|
| EC50 96h - Algae [1]                     | > 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| NOEC chronic fish                        | 4 mg/l Test organisms (species): Duration: '21 d'  |

##### 12.2. Persistence and degradability

| KODAK LED Flashlight Handy 150R, KODAK LED Flashlight Multiuse 150R and KODAK LED |   |
|---|---|
| Persistence and degradability   | May cause long-term adverse effects in the environment. |

##### 12.3. Bioaccumulative potential

| KODAK LED Flashlight Handy 150R, KODAK LED Flashlight Multiuse 150R and KODAK LED |                  |
|---|------------------|
| Bioaccumulative potential   | Not established. |

##### 12.4. Mobility in soil

No additional information available

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

No additional information available

##### 12.6. Other adverse effects

Additional information : Avoid release to the environment.

#### SECTION 13: Disposal considerations

##### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.  
 Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

#### SECTION 14: Transport information






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

| ADR                    | IMDG    | IATA    | ADN     | RID     |
|------------------------|---------|---------|---------|---------|
| <b>14.1. UN number</b> |         |         |         |         |
| UN 3481                | UN 3481 | UN 3481 | UN 3481 | UN 3481 |

## KODAK LED Rechargeable Flashlights

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| ADR  | IMDG  | IATA  | ADN   | RID  |
|--|---|---|---|--|
| <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 (ADR)</b>  |   |   |   |  |
| UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT, 9A, (E), ENVIRONMENTALLY HAZARDOUS | UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT, 9, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS | UN 3481 Lithium ion batteries contained in equipment, 9A, ENVIRONMENTALLY HAZARDOUS | UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT, 9A, ENVIRONMENTALLY HAZARDOUS | UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT, 9A, ENVIRONMENTALLY HAZARDOUS  |
| <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: Yes   | Dangerous for the environment: Yes<br>Marine pollutant: Yes   | Dangerous for the environment: Yes  | Dangerous for the environment: Yes  | Dangerous for the environment: Yes   |
| 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, LP903, LP904        |
| 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   |

## KODAK LED Rechargeable Flashlights

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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.

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

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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out



The Kodak trademark, logo and trade dress are used under license from Kodak.  
© 2021 STRAND EUROPE LTD.  
www.kodakbatteries.strandeuropa.com

## KODAK LED Rechargeable Flashlights

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

#### SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

#### Full text of H- and EUH-statements

|                           |  |
|---------------------------|--|
| Acute Tox. 3 (Inhalation) | Acute toxicity (inhal.), Category 3  |
| Acute Tox. 3 (Oral)       | Acute toxicity (oral), Category 3  |
| Acute Tox. 4 (Oral)       | Acute toxicity (oral), Category 4  |
| Aquatic Acute 1           | Hazardous to the aquatic environment — Acute Hazard, Category 1                            |
| Aquatic Chronic 1         | Hazardous to the aquatic environment — Chronic Hazard, Category 1                          |
| Aquatic Chronic 3         | Hazardous to the aquatic environment — Chronic Hazard, Category 3                          |
| Carc. 1A                  | Carcinogenicity, Category 1A   |
| Carc. 2                   | Carcinogenicity, Category 2  |
| Eye Dam. 1                | Serious eye damage/eye irritation, Category 1  |
| Eye Irrit. 2              | Serious eye damage/eye irritation, Category 2  |
| Flam. Liq. 3              | Flammable liquids, Category 3  |
| Repr. 2                   | Reproductive toxicity, Category 2  |
| Skin Corr. 1A             | Skin corrosion/irritation, Category 1, Sub-Category 1A                                     |
| Skin Irrit. 2             | Skin corrosion/irritation, Category 2  |
| Skin Sens. 1              | Skin sensitisation, Category 1   |
| STOT RE 1                 | Specific target organ toxicity — Repeated exposure, Category 1                             |
| STOT RE 2                 | Specific target organ toxicity — Repeated exposure, Category 2                             |
| STOT SE 3                 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H226                      | Flammable liquid and vapour.   |
| H301                      | Toxic if swallowed.  |
| H302                      | Harmful if swallowed.  |
| H314                      | Causes severe skin burns and eye damage.   |
| H315                      | Causes skin irritation.  |
| H317                      | May cause an allergic skin reaction.   |
| H318                      | Causes serious eye damage.   |
| H319                      | Causes serious eye irritation.   |
| H331                      | Toxic if inhaled.  |
| H332                      | Harmful if inhaled.  |
| H335                      | May cause respiratory irritation.  |
| H350                      | May cause cancer.  |

## KODAK LED Rechargeable Flashlights

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| Full text of H- and EUH-statements |  |
|------------------------------------|--|
| H351                               | Suspected of causing cancer.                                       |
| H361                               | Suspected of damaging fertility or the unborn child.               |
| H372                               | Causes damage to organs through prolonged or repeated exposure.    |
| 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.              |
| H412                               | Harmful to aquatic life with long lasting effects.                 |

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.