

## **SDS Report**

No.: CANEC1726446601

Date: 08 Jan 2018

#### Page 1 of 2

HUIXIAN SUNRISE POWER SOURCE CO., LTD WEST SUOKELOU, HUQIAO, HUIXIAN CITY HENAN CHINA

SGS Job No. Sample Name Model No. Client Reference Information Manufacturer Country of Origin End Uses	: : : : : : : : : : : : : : : : : : : :	CP17-070230-SZ NI-CD RECHARGEABLE BATTERY NI-CD AA600mAh See Remark HUIXIAN SUNRISE POWER SOURCE CO.,LTD CHINA Solar lights,LED emergency lights,Cordless telephones,Walkmans, Electronic tools and so on.
Composition/Ingredient of sample (as per client submission)	:	See section 3 Composition/information on ingredients on the SDS report
Job Receiving Date	:	28 Dec 2017
SDS Preparation Period	:	28 Dec 2017 – 08 Jan 2018
Service Requested :		Safety Data Sheet (SDS) for the sample with submitted composition.
Summary :		As per request, the contents and formats of the SDS are prepared in accordance with European Commission Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 2015/830, and is provided per attached.
		Remark: The SDS is prepared based on the information provided by client.
		* This sample is likely to be classified as article with substances not intended to be released and is out of scope of a SDS as set out in Regulation (EC) No 1907/2006. This SDS is generated for client's reference only.

Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Luguan

Zm guan Approved Signatory



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No.: CANEC1726446601

#### Remark

Ni-CD AA100mAh AA150mAh AA200mAh AA250mAh AA300mAh AA350mAh AA400mAh AA450mAh AA500mAh AA600mAh AA700mAh AA800mAh AA900mAh AA1000mAh AA1100mAh AA1200mAh AA1300mAh AA1400mAh AA1500mAh AA1600mAh AA1700mAh AA1800mAh AA1900mAh AA2000mAh AA2100mAh AA2200mAh AA2300mAh AA2400mAh AA2500mAh AA2600mAh

Ni-CD AAA100mAh AAA150mAh AAA200mAh AAA250mAh AAA300mAh AAA350mAh AAA400mAh AAA450mAh AAA500mAh AAA600mAh AAA700mAh AAA800mAh AAA900mAh AAA1000mAh

Ni-CD 2/3AA100mAh 2/3AA150mAh 2/3AA200mAh 2/3AA250mAh 2/3AA300mAh 2/3AA350mAh 2/3AA400mAh 2/3AA450mAh 2/3AA500mAh 2/3AA550mAh 2/3AA600mAh

Ni-CD 2/3AAA100mAh 2/3AAA150mAh 2/3AAA200mAh 2/3AAA250mAh 2/3AAA300mAh 2/3AAA350mAh 2/3AAA400mAh 2/3AAA450mAh 2/3AAA500mAh 2/3AAA500mAh 2/3AAA600mAh

Ni-CD 4/5AA100mAh 4/5AA200mAh 4/5AA300mAh 4/5AA350mAh 4/5AA400mAh 4/5AA500mAh 4/5AA600mAh 4/5AA700mAh 4/5AA800mAh 4/5AA900mAh 4/5AA1000mAh 4/5AA1100mAh 4/5AA1200mAh 4/5AA1300mAh 4/5AA1400mAh 4/5AA1500mAh 4/5AA1600mAh 4/5AA1700mAh 4/5AA1800mAh 4/5AA1900mAh

Ni-CD 4/5SC600mAh 4/5SC700mAh 4/5SC800mAh 4/5SC900mAh 4/5SC1000mAh 4/5SC1100mAh 4/5SC1200mAh 4/5SC1300mAh 4/5SC1400mAh 4/5SC1500mAh 4/5SC1600mAh 4/5SC1700mAh 4/5SC1800mAh 4/5SC1900mAh 4/5SC2000mAh

Ni-CD SC600mAh SC700mAh SC800mAh SC900mAh SC1000mAh SC1100mAh SC1200mAh SC1300mAh

SC1400mAh SC1500mAh SC1600mAh SC1700mAh SC1800mAh SC1900mAh SC2000mAh SC2200mAh

SC2400mAh SC2600mAh SC2800mAh SC3000mAh

Ni -CD C1500mAh C1600mAh C1700mAh C1800mAh C1900mAh C2000mAh C2100mAh C2200mAh C2300mAh C2400mAh C2500mAh C2600mAh

C 2700mAh C2800mAh C2900mAh C3000mAh C3500mAh C4000mAh

Ni -CD D3000mAh D3500mAh D4000mAh D4500mAh D5000mAh D6000mAh D7000mAh D8000mAh



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EU

Safety Data Sheet Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 08.01.2018

Version number 1

Revision: 08.01.2018

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

· 1.1 Product identifier

· Trade name: NI-CD RECHARGEABLE BATTERY

- 1.2 Relevant identified uses of the substance or mixture and uses advised against • Application of the substance / the mixture: Solar lights LED substance / identified to be well-many Electronic tools and
- Solar lights, LED emergency lights, Cordless telephones, Walkmans, Electronic tools and so on.
- $\cdot$  1.3 Details of the supplier of the safety data sheet
- · Manufacturer / Supplier: HUIXIAN SUNRISE POWER SOURCE CO., LTD
- · Full address: WEST SUOKELOU, HUQIAO, HUIXIAN CITY HENAN CHINA
- *Phone number:* +86-15903872362
- *Email: mingyang.xu@xuridianyuan.com*
- · Only Representative / other EU contact point: Not available
- · Further information obtainable from: HUIXIAN SUNRISE POWER SOURCE CO., LTD
- 1.4 Emergency telephone number: UNITED KINGDOM
  National Poisons Information Service
  Tel: +44 (0) 344 892 0111 (for healthcare professional) +44 (0) 845 46 47 (in England or Wales) +44 (0) 8454 24 24 24 (in Scotland)
  +86-13525005219 Mary Wang
- · 1.5 Reference Number: CP17-070230-SZ, CANEC1726446601

#### · 1.6 Remark:

\* This sample is likely to be classified as article with substances not intended to be released and is out of scope of a SDS as set out in Regulation (EC) No 1907/2006. This SDS is generated for client's reference only.

SECTION 2. D	lazanda	identification
SECTION 2: H	of the su	
GHS06	skull and	crossbones
Acute Tox. 2	H330	Fatal if inhaled.
GHS08	health ha	izard
Resp. Sens. 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Muta. 2	H341	Suspected of causing genetic defects.
Carc. 1A	H350	May cause cancer.
Repr. 1B	H360D	May damage the unborn child.
STOT RE 1	<i>H372</i>	Causes damage to organs through prolonged or repeated exposure.
GHS05	corrosio	ı
Skin Corr. 1A	H314	Causes severe skin burns and eye damage.
Eye Dam. 1	H318	Causes serious eye damage.
GHS09	environm	ient
Aquatic Acute 1	H400	Very toxic to aquatic life.
Aquatic Chronic 1	H410	Very toxic to aquatic life with long lasting effects.
-		(Contd. on page 2)

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#### Trade name: NI-CD RECHARGEABLE BATTERY (Contd. of page 1) GHS07 Skin Sens. 1 *H317* May cause an allergic skin reaction. · Information concerning particular hazards for human and environment: The product has to be labelled due to the calculation procedure of Regulation (EC) No.1272/2008. · Classification system: The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data. · 2.2 Label elements · Labelling according to Regulation (EC) No. 1272/2008 The product is classified and labelled according to the CLP regulation. · Hazard pictograms GHS05 GHS06 GHS08 GHS09 · Signal word Danger · Hazard-determining components of labelling: cadmium hydroxide nickel dihydroxide potassium hydroxide · Hazard statements H330 Fatal if inhaled. H314 Causes severe skin burns and eye damage. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause an allergic skin reaction. H341 Suspected of causing genetic defects. H350 May cause cancer. H360D May damage 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 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor. P320 Specific treatment is urgent (see on this label). P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. • Additional information: Restricted to professional users. · 2.3 Other hazards: · Results of PBT and vPvB assessment · *PBT*: Not applicable. · vPvB: Not applicable. (Contd. on page 3)

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#### Trade name: NI-CD RECHARGEABLE BATTERY

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<b>ODOTION 2</b>	<b>a</b> •		• 7• /
NECTION 31	Composition	ntormation	on inoredients
	Composition	11.10111111111111	on ingredients

- · 3.2 Mixtures
- · Description:

*Mixture of the substances listed below with nonhazardous additions. For the wording of the listed hazard statements refer to section 16.* 

CAS: 21041-95-2	cadmium hydroxide	26.4%
EINECS: 244-168-5	Acute Tox. 2, H330; Muta. 2, H341; Carc. 1B, H350; Repr. 2, H361fd; STOT RE 1, H372; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
CAS: 1345-25-1 EINECS: 215-721-8	iron oxide substance with a Community workplace exposure limit	25.2%
CAS: 7732-18-5 EINECS: 231-791-2	water	18.3%
CAS: 12054-48-7 EINECS: 235-008-5 Index number: 028-008-00-X	nickel dihydroxide Resp. Sens. 1, H334; Muta. 2, H341; Carc. 1A, H350i; Repr. 1B, H360D; STOT RE 1, H372; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Skin Sens. 1, H317	16.7%
CAS: 1310-58-3 EINECS: 215-181-3 Index number: 019-002-00-8	potassium hydroxide Skin Corr. 1A, H314; () Acute Tox. 4, H302	8.0%
CAS: 1310-73-2 EINECS: 215-185-5 Index number: 011-002-00-6	sodium hydroxide Skin Corr. 1A, H314	2.8%
CAS: 7782-42-5 EINECS: 231-955-3	Graphite substance with a Community workplace exposure limit	2.6%

### **SECTION 4: First aid measures**

- 4.1 Description of first aid measures
- · General description:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

*Remove breathing equipment only after contaminated clothing have been completely removed. In case of irregular breathing or respiratory arrest provide artificial respiration.* 

• After inhalation:

Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.

• 4.2 Most important symptoms and effects, both acute and delayed: No further relevant information available.

• **4.3 Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

## **SECTION 5: Firefighting measures**

· 5.1 Extinguishing media

• Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

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- 5.2 Special hazards arising from the substance or mixture: No further relevant information available.
- · 5.3 Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

#### **SECTION 6: Accidental release measures**

- 6.1 Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
- 6.2 Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up: Use neutralising agent.
   Dispose contaminated material as waste according to section 13.
   Ensure adequate ventilation.
- 6.4 Reference to other sections: See Section 7 for information on safe handling.
   See Section 8 for information on personal protection equipment.
   See Section 13 for disposal information.

### **SECTION 7: Handling and storage**

· 7.1 Precautions for safe handling:

Thorough dedusting.

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

For the general occupational hygienic measures refer to Section 8.

- · Information about fire and explosion protection: Keep respiratory protective device available.
- · 7.2 Conditions for safe storage, including any incompatibilities
- Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep container tightly sealed.

• 7.3 Specific end use(s): No further relevant information available.

#### **SECTION 8: Exposure controls/personal protection**

Ingredients with lin	nit values that require monitoring at the workplace:	
1345-25-1 iron oxid	le (25.2%)	
AGW (Germany)	Long-term value: 1.25* 10** mg/m <sup>3</sup>	
	2(II);*alveolengängig**einatembar; AGS, DFG	
12054-48-7 nickel a	ihydroxide (16.7%)	
WEL (Great Britain	) Long-term value: 0.5 mg/m <sup>3</sup>	
	as Ni; Sk; Carc	
MAK (Germany)	einatembare Fraktion; vgl.Abschn.XII	
VME (France)	Long-term value: $1 \text{ mg/m}^3$	
	<i>C1A</i> , <i>M2</i> , <i>R1B</i>	
1310-58-3 potassiu	n hydroxide (8.0%)	
WEL (Great Britain	) Short-term value: 2 mg/m <sup>3</sup>	
		(Contd. on page

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VME (France)	Short-term value: 2 mg/m <sup>3</sup>
1310-73-2 sodium hy	pdroxide (2.8%)
WEL (Great Britain)	Short-term value: 2 mg/m <sup>3</sup>
MAK (Germany)	vgl.Abschn.IIb
VME (France)	Long-term value: 2 mg/m <sup>3</sup>
7782-42-5 Graphite	(2.6%)
AGW (Germany)	Long-term value: 1.25* 10** mg/m³ 2(II);*alveolengängig**einatembar; AGS, DFG
VME (France)	Long-term value: 2 mg/m³ pour la fraction alvéolaire

### · Regulatory information

AGW (Germany): TRGS 900 WEL (Great Britain): EH40/2011 MAK (Germany): MAK- und BAT-Liste VME (France): ED 984, 10.2016 DNELS, Net available

• **DNELs:** Not available • **PNECs:** Not available

• Additional information: The lists valid during the making were used as basis.

#### · 8.2 Exposure controls

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.

#### · Appropriate engineering controls:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Store protective clothing separately. Avoid contact with the eyes. Avoid contact with the eyes and skin. See Section 7 for information about design of technical facilities.

#### · Personal protective equipment

· Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### · Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· Eye protection:



Tightly sealed goggles

#### · Environmental exposure controls:

Control measures must be made in accordance with Community environmental protection legislation.

9.1 Information on basic physical and c	hemical properties
Appearance	nemear properties
Form:	Solid
Colour:	Mixed
Odour:	Odourless
Odour threshold:	Not available
pH-value:	12
Change in condition	
Melting point/Freezing point:	Not available
Initial boiling point and boiling range	:: Not available
Flash point:	Not available
Flammability (solid, gas):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Self-igniting:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits	
Lower:	Not available
Upper:	Not available
Oxidising properties:	Not available
Vapour pressure:	Not available
Density:	Not available
Relative density:	Not available
Vapour density:	Not available
Evaporation rate:	Not available
Solubility in / Miscibility with	
water:	Not available
Partition coefficient: n-octanol/water:	Not available
Viscosity	
Dynamic:	Not available
Kinematic:	Not available

## SECTION 10: Stability and reactivity

- · 10.1 Reactivity: Data not available
- · 10.2 Chemical stability: Data not available

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

#### **SECTION 11: Toxicological information**

- · 11.1 Information on toxicological effects
- · Acute toxicity
- Fatal if inhaled.
- · LD/LC50 values relevant for classification: Not available
- · Skin corrosion/irritation:
- Causes severe skin burns and eye damage.
- Serious eye damage/irritation: Causes serious eye damage.
- **Respiratory or skin sensitization:** May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
- Germ cell mutagenicity Suspected of causing genetic defects.
- Carcinogenicity
- May cause cancer. • **Reproductive toxicity**
- May damage the unborn child.
- STOT-single exposure Based on available data, the classification criteria are not met.
- · STOT-repeated exposure
- Causes damage to organs through prolonged or repeated exposure.
- · Aspiration hazard Based on available data, the classification criteria are not met.

### **SECTION 12: Ecological information**

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- · 12.2 Persistence and degradability: No further relevant information available.
- · 12.3 Bioaccumulative potential: No further relevant information available.
- · 12.4 Mobility in soil: No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- · *PBT:* Not applicable.
- · vPvB: Not applicable.
- · 12.6 Other adverse effects No further relevant information available.
- · 12.7 Additional ecological information:
- · General notes:

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water Do not allow product to reach ground water, water course or sewage system, even in small quantities. Must not reach sewage water or drainage ditch undiluted or unneutralised. Danger to drinking water if even extremely small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Very toxic for aquatic organisms

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Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

## **SECTION 13: Disposal considerations**

· 13.1 Waste treatment methods

· Recommendation:

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· Uncleaned packaging

· Recommendation: Disposal must be made according to official regulations.

14.1 UN-Number	
ADR/RID/ADN, IMDG, IATA	UN3290
14.2 UN proper shipping name	
ADR/RID/ADN	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S (cadmium hydroxide, POTASSIUM HYDROXIDE)
	ENVIRONMENTALLY HAZARDOUS
IMDG	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S
	(cadmium hydroxide, POTASSIUM HYDROXIDE)
IATA	MARINE POLLUTANT TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S
	(cadmium hydroxide, POTASSIUM HYDROXIDE)
14.3 Transport hazard class(es)	
ADR/RID/ADN	
Class	6.1 Toxic substances.
Label	6.1+8
IMDG	
Class	6.1 Toxic substances.
Label	6.1/8
IATA	
Class	6.1 Toxic substances.
Label	6.1 (8)
14.4 Packing group	
ADR/RID/ADN, IMDG, IATA	Ι

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14.5 Environmental hazards	Product contains environmentally hazardous substances
	cadmium hydroxide, nickel dihydroxide
Marine pollutant:	Symbol (fish and tree)
Special marking (ADR/RID/ADN):	Symbol (fish and tree)
14.6 Special precautions for user:	Warning: Toxic substances.
Danger code (Kemler):	668
EMS Number:	F-A, S-B
Segregation groups	Alkalis
Stowage Category	В
Stowage Code	SW2 Clear of living quarters.
14.7 Transport in bulk according to Annex	II of
Marpol and the IBC Code	Not applicable.
14.8 Transport/Additional information:	
ADR/RID/ADN	
Limited quantities (LQ):	0
Excepted quantities (EQ)	Code: E5
	Maximum net quantity per inner packaging: 1 g
	Maximum net quantity per outer packaging: 300 g
Transport category:	1
Tunnel restriction code:	C/E
IMDG	
Limited quantities (LQ)	0
Excepted quantities (EQ)	Code: E5
	Maximum net quantity per inner packaging: 1 g
	Maximum net quantity per outer packaging: 300 g
UN "Model Regulation":	UN 3290 TOXIC SOLID, CORROSIVE, INORGANIC
-	N.O.S. (CADMIUM HYDROXIDE, POTASSIU)
	HYDROXIDE), 6.1 (8), I, ENVIRONMENTALL
	HAZARDOUS

### **SECTION 15: Regulatory information**

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

· MAK(German Maximum Workplace Concentration)

12054-48-7 nickel dihydroxide

· Named dangerous substances - ANNEX I None of the ingredients is listed.

E1 Hazardous to the Aquatic Environment

- · Qualifying quantity (tonnes) for the application of lower-tier requirements 50 t
- $\cdot$  Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t
- · National regulations:

• Additional classification according to Decree on Hazardous Materials, Annex II: Carcinogenic hazardous material group III (dangerous).

· Information about limitation of use:

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

• Waterhazard class: Water hazard class 3 (Self-assessment): extremely hazardous for water.

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<sup>·</sup> Directive 2012/18/EU

<sup>·</sup> Seveso category

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 $\cdot$  Other regulations, limitations and prohibitive regulations

· SVHC Candidate List of REACH Regulation Annex XIV Authorisation (7/7/2017)

None of the ingredients is listed

· REACH Regulation Annex XVII Restriction (13/6/2017)

See Section 16 for information about restriction of use. None of the ingredients is listed

• REACH Regulation Annex XIV Authorisation List (13/6/2017)

None of the ingredients is listed

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

#### **SECTION 16: Other information**

#### · Relevant hazard statements

- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

- H330 Fatal if inhaled.
- H332 Harmful if inhaled.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H341 Suspected of causing genetic defects.
- H350 May cause cancer.

H350i May cause cancer by inhalation.

H360D May damage the unborn child.

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

*H400 Very toxic to aquatic life.* 

H410 Very toxic to aquatic life with long lasting effects.

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

#### DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reason, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Remark:

\* This sample is likely to be classified as article with substances not intended to be released and is out of scope of a SDS as set out in Regulation (EC) No 1907/2006. This SDS is generated for client's reference only. (Contd. on page 11)

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### Trade name: NI-CD RECHARGEABLE BATTERY

Classification according to Regulation (EC) No. 12	
Acute toxicity - inhalation	The classification of the mixture is generally based on
Skin corrosion/irritation	the calculation method using substance date
Serious eye damage/eye irritation	according to Regulation (EC) No. 1272/2008.
Respiratory sensitisation	
Skin sensitisation	
Germ cell mutagenicity	
Carcinogenicity	
Reproductive toxicity	
Specific target organ toxicity (repeated exposure)	
<i>Hazardous to the aquatic environment - short-term</i>	
(acute) aquatic hazard	
Hazardous to the aquatic environment - long-term	
(chronic) aquatic hazard	
Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelli EINECS: European Inventory of Existing Commercial Chemical ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chen DNEL: Derived No-Effect Level (REACH)	Substances
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