DURACELL

Article Information Sheet (AIS)

This Article Information Sheet (AIS) provides relevant battery information to retailers, consumers, OEMs and others users requesting a GHS-compliant SDS. Articles, such as batteries, are exempt from GHS SDS classification criteria. The GHS criteria is not designed or intended to be used to classify the physical, health and environmental hazards of an article. Branded consumer batteries are defined as electro-technical devices. The design, safety, manufacture, and qualification of branded consumer batteries follow ANSI and IEC battery standards. This document is based on principles set forth in the following hazard communication approaches: ANSI Z-400.1, GHS, JAMP AIS, and IEC 62474.

1. Document Information	
Document Name	**Duracell Alkaline Batteries (Major and Specialty Cells)**
Document ID	AIS-ALK
Issue Date	1-May-15
Version	1
Preparer	Global Product Stewardship
Last Revision	New
Information Contact	moquet.l@pg.com
2. Company Information	
Name & Address	P&G Duracell Global Business Unit, 14 Research Drive, Bethel, CT USA 06801
Telephone	(203) 796- 4430
Website	www.duracell. com
Consumer Relations	North America: 1-800-551-2355 (9:00 AM - 5:00 PM EST)
3. Article Information	
Description	Duracell branded consumer alkaline battery
Product Category	Electro-technical device
Use	Portable power source for electronic devices
Global sub-brands (Retail)	Coppertop, Plus, Quantum, Simply, Turbo, Ultra, Basic, TurboMax
Global sub-brands (B2B)	Procell, Industrial, OEM/OEA
Sizes	Major Cells: AA,AAA, C, D & 9V
Sizes	Specialty Cells: AAAA, MN11. MN21, MN27, MN175, PX76 (LR44), PX28, PX625, (LR09), LR43, LR54, N, J, 4.5V, 625A
Sizes	Lanterns: MN903, MN908, MN915, MN918; MN1203
Principles of Operation	A battery powers a device by converting stored chemical energy into electrical energy.
Representative Product Images	
	Major Cells **Major Cells** **Lantern** **Specialty**
4. Article Construction	
Applicable Battery Industry Standards	ANSI C18.1M Part 1, ANSI C18.1M Part 2, ANSI C18.4, IEC 60086,1, IEC 60086-2, IEC 60086-5
Electro-technical System	Alkaline Manganese Dioxide
Electrode - Negative	Zinc (CAS # 7440-66-6)
Electrode - Positive	Manganese Dioxide (CAS # 1313-13-9)
Electrolyte	Alkali Metal Hydroxide (aqueous potassium hydroxide - CAS # 1310-58-3)
Materials of Construction - Can	Nickel Plated Steel
Declarable Substances (IEC 62474 Criteria 1)	None
Mercury Free Battery (ANSI C18.4M <5ppm)	Yes
Small Cell or Battery (ANSI C18.1M Part 2; IEC 60086-5)	Sizes: AAA and Specialty Cells fit inside a specially designed test cylinder 2.25 inches (57.1mm) long by 1.25 inches (31.70 mm) wide.
5. Health & Safety	

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Ingestion/Small Parts Warning	Required for Small Cell or Battery (Sizes: AAA and Specialty Cells): Keep away from children. If swallowed, consult a physician immediately.
Normal Conditions of Use	Exposure to contents inside the sealed battery will not occur unless the battery leaks, is exposed to high temperatures, or is mechanically abused.
Note to Physician	A damaged battery will release concentrated and caustic potassium hydroxide.
First Aid - If swallowed	Do not induce vomiting. Seek medical attention immediately. USA CALLS ONLY - CALL 24-HOUR NATIONAL BATTERY INGESTION HOTLINE: (202) 625-3333 - COLLECT.
First Aid - Eye Contact	Flush with water for at least 15 minutes. Seek medical care if irritation persists.
First Aid - Skin Contact	Remove contaminated clothing. Wash skin with soap and water. Seek medical care if irritation persists.
First Aid - Inhalation	Remove to fresh air.
Battery Safety Standards & Testing	Duracell batteries meet the requirements of ANSI C18. 1M Part 2 and IEC 60086-5. These standards specify tests and requirements for alkaline batteries to ensure safe operation under normal use and reasonably foreseeable misuse. The test regimes assess three conditions of safety. These are: **1-Intended use simulation:** Partial use, vibration, thermal shock, and mechanical shock **2-Reasonably foreseeable misuse:** Incorrect installation, external short-circuit, free fall (user-drop), over-discharge, and crush **3-Design consideration:** Thermal abuse, mold stress
Precautionary Statements	**CAUTION:** Batteries may explode or leak, and cause burn injury, if recharged, disposed of in fire, mixed with a different battery type, inserted backwards or disassembled. Replace all used batteries at the same time. Do not carry batteries loose in your pocket or purse. Do not remove the battery label. Keep small batteries (i.e., AAA) away from children. If swallowed, consult a physician at once.
6. Fire Hazard & Firefighting	
Fire Hazard	Batteries may rupture or leak if involved in a fire.
Extinguishing Media	Use any extinguishing media appropriate for the surrounding area.
Fires Involving Large Quantities of Batteries	Large quantities of batteries involved in a fire will rupture and release caustic potassium hydroxide. Firefighters should wear self-contained breathing apparatus and protective clothing.
7. Handling & Storage	
Handling Precautions	Avoid mechanical and electrical abuse. Do not short circuit or install incorrectly. Batteries may rupture or vent if disassembled, crushed, recharged or exposed to high temperatures. Install batteries in accordance with equipment instructions.
Storage Precautions	Store batteries in a dry place at normal room temperature. Refrigeration does not make them last longer.
Spills of Large Quantities of Loose Batteries (unpackaged)	Notify spill personnel of large spills. Irritating and flammable vapors may be released from leaking or ruptured batteries. Spread batteries apart to stop shorting. Eliminate all ignition sources. Evacuate area and allow vapors to dissipate. Clean-up personnel should wear appropriate PPE to avoid eye and skin contact and inhalation of vapors or fumes. Increase ventilation. Carefully collect batteries and place in appropriate container for disposal. Remove any spilled liquid with absorbent material and contain for disposal.
8. Disposal Considerations (GHS Section 13)	
Collection & Proper Disposal	Dispose of used (or excess) batteries in compliance with federal, state/provincial and local regulations. Do not accumulate large quantities of used batteries for disposal as accumulations could cause batteries to short-circuit. Do not incinerate. In countries, such as Canada and the EU, where there are regulations for the collection and recycling of batteries, consumers should dispose of their used batteries into the collection network at municipal depots and retailers. They should not dispose of batteries with household trash.

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USA EPA RCRA (40 CFR 261)	Classified as non-hazardous waste (not ignitable, corrosive, reactive or toxic). Federal Universal Waste Regulations (40 CFR 273) do not apply. State requirements may be more stringent than Federal.
California Universal Waste Rule (Cal. Code Regs. Title 22, Div. 4.5, Ch. 23)	California prohibits disposal of batteries as trash (including household trash).
9. Transport Information (GHS Section 14)	
Regulatory Status	Not regulated. Alkaline batteries (sometimes referred to as “Dry Cell” or “household” batteries) are not listed or regulated as dangerous goods under IATA Dangerous Goods Regulations, ICAO Technical Instructions, IMDG Code, UN Model Regulations, U.S. Hazardous Materials Regulations (49 CFR), and UNECE ADR.
UN Identification Number/ Shipping Name	None - Not Required
Special Provision (SP) Conformance	Special regulatory provisions require batteries to be packaged in a manner that prevents the generation of a dangerous quantity of heat and short circuits. Shippers can prepare batteries by taping the terminals, individually packaging batteries, or otherwise segregating the batteries to prevent risk of creating a short circuit. Batteries shipped in original unopened Duracell packaging is compliant.
US DOT SP	49 CFR 172.102 Special Provision 130
Air Transport (IATA/ICAO) SP	Special Provision A123 (56th Edition - 2015). NOTE: The words "NOT RESTRICTED" and "SPECIAL PROVISION A123" must be included on the description of the substance on the Air Waybill, when air way-bill is issued.
Passenger Air Travel	No restrictions
Emergency Transportation Hotline	**CHEMTREC 24-Hour Emergency Response Hotline** **Within the United States call +703-527-3887** **Outside the United States, call +1 703-527-3887 (Collect)**
10. Regulatory Information (GHS Section 15)	
10a. Battery Requirements	
USA EPA Mercury Containing & Rechargeable Battery Management Act of 1996	During the manufacturing process, no mercury is added.
EU Battery Directive 2006/66/EC & amendment 2013/56/EU	Compliant with marking and substance restrictions for mercury (<0.0005%); cadmium (<0.0020%)l and lead (<0.0040%). Global labels are marked with the special collection symbol and the EU qualifier in accordance with EU Battery Directive 2006/66/EC, Article 11. Paragraph 1 on batteries and accumulators and waste batteries and accumulators
10b. General Requirements	
USA CPSIA 2008 (PL. 11900314)	Exempt
USA CPSC FHSA (16 CFR 1500)	Consumer batteries are not listed as a hazardous product.
USA EPA TSCA Section 13 (40 CFR 707.20)	For customs clearance purpose, batteries are defined as an "Article".
USA EPA RCRA (40 CFR 261)	Classified as non-hazardous waste (not ignitable, corrosive, reactive or toxic). Federal Universal Waste Regulations (40 CFR 273) do not apply. State requirements may be more stringent than Federal.
California Prop 65	No warning required per 3rd party assessment.
CANADA Products Containing Mercury Regulations SOR/20140254	Mercury free
EU REACH SVHC's (161 Substances) Candidate List December 2014)	No listed substances are present (>0.01% w/w)
EU REACH Article 31	SDS is not required consumer alkaline batteries.

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10c. Regulatory Definitions - Articles	
USA OSHA	29 CFR 1910.1200(b)(6)(v)
USA TSCA	40 CFR 704.3; 710.2(3)(c); and [19 CFR 12.1209a)]
EU REACH	Title 1 - Chapter 2 - Article 3(3)
GHS	Section 1.3.2.1

11. Other Information

11a. Certification & 3rd Party Approvals

UL (UTGT2.S50939 Single Multiple Station Smoke Alarms - Component)	AA, 9V Certification Standard: ANSI/UL 217 Single & Multiple Station Smoke Alarms

11b. AIS Hazard Communication Approaches (consulted in developing this document):

Globally Harmonized System (GHS)	GHS SDS requirements and classification criteria do not apply to articles or products (such as batteries) that have a fixed shape, which are not intended to release a chemical. The article exemption is found in Section 1.3.2.1.1 of the GHS and reads: ***The GHS applies to pure substances and their dilute solutions and to mixtures. "Articles" as defined by the Hazard Communication Standard (29 CFR 1900.1200) of the OSHA of the USA, or by similar definition, are outside the scope of the system."***
Joint Article Management Promotion Consortium JAMP	JAMP is a Japanese Industry Association who developed the concept of an Article Information Sheet as a supply chain tool to share and communicate chemical information in articles. The AIS authoring process is based on "declarable" substances to meet global regulatory requirements as well as substances to be reported by GADSL, JIG, etc.
IEC 62474 Ed. 1.0 B:2012 Material Declaration for Products of and for the Electro-technical Industry	An international standard that came into effect in March 2012 concerning declaration for electrical and electronic products. IEC 6274 replaces the defunct Joint Industry Guide – Material Declaration for Electro-technical Products (JIG-101-Ed 4.1 (May 21, 2012)
IEC 62474 Database - Publically available online (maintained by TC11: Environmental Standardization for electrical and electronic products and systems.	The general principle for a substance to be included in the database as a declarable substance is: 1) existing national laws or regulations in an IEC member country that are relevant to Electro-technical products and that prohibit or restrict substances, or that have a labeling, communication, reporting or notification requirement, and 2) applying IEC 62474 criteria results in identification of declarable substance.
ANSI Z 400.1/Z19.1 (2010)	2.1 Scope: Applies to preparation of SDSs for hazardous chemicals used under occupational conditions. Does not address how the standard may be applied to articles. It presents basic information on how to develop and write a SDS. Additional information is provided to help comply with state and federal environmental and safety laws and regulations. Elements of the standard may be acceptable for International use.

DISCLAIMER: This AIS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations. This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumes no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.

Article Information Sheet

Product name: Alkaline Battery **Printing date:** 09-Sept-2021

Article Information Sheet (AIS)

This Article Information Sheet (AIS) provides relevant battery information to retailers, consumers, OEMs and other users requesting a GHS - compliant SDS. Articles, such as batteries, are exempt from GHS SDS classification criteria. The GHS criteria is not designed or intended to be used to classify the physical, health and environmental hazards of an article. Branded consumer batteries are defined as electro - technical devices. The design, safety, manufacture, and qualification of Energizer branded consumer batteries follow ANSI and IEC battery standards.

1. DOCUMENT INFORMATION

Product name:	Alkaline Battery
Model:	LR03
Issue Date:	09-Sept-2021

2. COMPANY INFORMATION

Company name(China)	Zhongyin (Ningbo) Battery Co., Ltd.
Address:	128 Xingguang Road, Hi-tech Park, Ningbo, China
E-mail:	hyt@sonluk.com
Telephone:	+86-574-86578006

3. ARTICLE INFORMATION

Description	Alkaline Battery
Use	Alkaline Battery.
Brand	----

Fiche d'information Article

Nom du produit: Pile alcaline **Date d'impression:** 09-Sept-2021

Fiche d'information sur l'article (AIS)

Cette fiche d'information sur l'article (AIS) fournit des informations pertinentes sur la batterie aux détaillants, aux consommateurs, aux OEM et aux autres utilisateurs qui demandent une FDS conforme au SGH. Les articles, tels que les piles, sont exemptés des critères de classification de la FDS du SGH. Les critères du SGH ne sont pas conçus ni destinés à être utilisés pour classer les dangers physiques, sanitaires et environnementaux d'un article. Les batteries grand public de marque sont définies comme des appareils électrotechniques. La conception, la sécurité, la fabrication et la qualification des batteries grand public de marque Energizer respectent les normes de batteries ANSI et IEC.

1. INFORMATIONS SUR LE DOCUMENT

Produit Nom:	Pile alcaline
Modèle:	LR03
Date d'émission:	09-Sept-2021

2. INFORMATIONS SUR LA SOCIÉTÉ

Nom de l'entreprise (Chine)	Zhongyin (Ningbo) Battery Co., Ltd.
Adresse:	128 Xingguang Road, parc de haute technologie, Ningbo, Chine
Email:	hyt@sonluk.com
Téléphone:	+ 86-574-86578006

3. INFORMATIONS SUR L'ARTICLE

La description	Pile alcaline
Utilisation	Pile alcaline.
Marque	----

Image

4. ARTICLE CONSTRUCTION

IMPORTANT NOTE: The battery should not be opened or burned. Exposure to the ingredients contained within or their combustion products could be harmful.

Chemical name	CAS No.	Concentration%
Manganese Dioxide	1313-13-9	36.5
Zinc	7440-66-6	15.0
Water	7732-18-5	6.6
Potassium hydroxide	1310-58-3	1.3
Graphite	7782-42-5	3.2
Copper	7440-50-8	5.3
Iron	7439-89-6	27.0
Nickel	7440-02-0	0.5
Nylon 69	28757-63-3	4.6

5. HEALTH AND SAFETY

Ingestion: Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

Inhalation: Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed

Image

4. CONSTRUCTION DE L'ARTICLE

REMARQUE IMPORTANTE: la batterie ne doit pas être ouverte ni brûlée. L'exposition aux ingrédients contenus dans ou à leurs produits de combustion pourrait être nocive.

Nom chimique	N ° CAS.	Concentration%
Dioxyde de manganèse	1313-13-9	36.5
Zinc	7440-66-6	15.0
Eau	7732-18-5	6.6
L'hydroxyde de potassium	1310-58-3	1.3
Graphite	7782-42-5	3.2
Cuivre	7440-50-8	5.3
Le fer	7439-89-6	27.0
Nickel	7440-02-0	0.5
Nylon 69	28757-63-3	4.6

5. SANTÉ ET SÉCURITÉ

Ingestion: NE PAS faire vomir. Rincer immédiatement la bouche et boire beaucoup d'eau. Ne portez rien à la bouche d'une personne inconsciente. Appeler immédiatement un médecin ou un centre antipoison.

pulmonary edema may occur. Get medical attention immediately if symptoms occur.

Skin contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Immediate medical attention is required. May cause an allergic skin reaction.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention/advice.

Self-protection of the first aider: Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

6. FIRE HAZARD & FIREFIGHTING

Fire Hazard: Batteries may rupture or leak if involved in a fire.

Extinguishing Media: Use any extinguishing media appropriate for the surrounding area.

Special hazards arising from the chemical: Under fire conditions, batteries may burst and release hazardous decomposition products when exposed to a fire situation. This could result in the release of flammable or corrosive materials. Hazardous combustion products: CO, CO2, Metal oxides, Irritating fumes

Precautions for fire-fighters: Firefighters must wear fire resistant protective equipment and appropriate breathing apparatus. The staff must equip with filtermask (full mask) or isolated breathing

Inhalation: Transporter à l'air frais. Si la respiration s'est arrêtée, pratiquer la respiration artificielle. Obtenez immédiatement des soins médicaux. N'utilisez pas la méthode du bouche-à-bouche si la victime a ingéré ou inhalé la substance; pratiquer la respiration artificielle à l'aide d'un masque de poche équipé d'une valve unidirectionnelle ou d'un autre appareil médical respiratoire approprié. Si la respiration est difficile, (du personnel qualifié devrait) donner de l'oxygène. Un œdème pulmonaire retardé peut survenir. Consultez immédiatement un médecin si des symptômes apparaissent.

Contact avec la peau: Laver immédiatement avec du savon et beaucoup d'eau tout en enlevant tous les vêtements et chaussures contaminés. Une attention médicale immédiate est requise. Peut provoquer une réaction allergique cutanée.

Lentilles de contact: Rincer immédiatement à grande eau, également sous les paupières, pendant au moins 15 minutes. Gardez l'œil grand ouvert pendant le rinçage. Ne frottez pas la zone affectée. Retirez les lentilles de contact, si elles sont présentes et faciles à faire. Continuez à rincer. Demander immédiatement des soins / conseils médicaux.

Auto-protection du secouriste: Assurez-vous que le personnel médical est au courant du ou des matériaux impliqués, prenez des précautions pour vous protéger et empêcher la propagation de la contamination. Évitez tout contact avec la peau, les yeux ou les vêtements. Évitez tout contact direct avec la peau. Utilisez une barrière pour donner une réanimation de bouche à bouche. Utilisez l'équipement de protection individuelle requis. Porter des vêtements de protection individuelle (voir section 8).

6. RISQUE D'INCENDIE ET LUTTE CONTRE L'INCENDIE

Risque d'incendie: Les piles peuvent se rompre ou fuir en cas d'incendie.

apparatus. The staff must wear the clothes which can defense the fire and the toxic gas. Put out the fire in the upwind direction. Remove the container to the open space as soon as possible. Spray water on the containers in the fireplace to keep them cool until finish extinguishment.

7. HANDLING AND STORAGE

Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.
Handling	Avoid mechanical and electrical abuse. Do not short circuit or install incorrectly. Batteries may rupture or vent if disassembled, crushed, recharged or exposed to high temperatures. Install batteries in accordance with equipment instructions.
Spills of Large Quantities Batteries (unpackaged)	Notify spill personnel of large spills. Irritating and flammable vapors may be released from leaking or ruptured batteries. Spread batteries apart to stop shorting. Eliminate all ignition sources. Evacuate area and allow vapors to dissipate. Clean-up personnel should wear appropriate PPE to avoid eye and skin contact and inhalation of vapors or fumes. Increase ventilation. Carefully collect batteries and place in appropriate container for disposal. Remove any spilled liquid with absorbent material and contain for disposal.

8. DISPOSAL CONSIDERATIONS

Dispose of used (or excess) batteries in compliance with federal,

Moyens d'extinction	Utilisez tout moyen d'extinction approprié pour la zone environnante.
Dangers particuliers résultant du produit chimique	En cas d'incendie, les batteries peuvent éclater et libérer des produits de décomposition dangereux lorsqu'elles sont exposées à une situation d'incendie. Cela pourrait entraîner la libération de matériaux inflammables ou corrosifs. Produits de combustion dangereux: CO, CO2, oxydes métalliques, vapeurs irritantes
Précautions pour les pompiers	Les pompiers doivent porter un équipement de protection résistant au feu et un appareil respiratoire approprié. Le personnel doit être équipé d'un masque filtrant (masque complet) ou d'un appareil respiratoire isolé. Le personnel doit porter des vêtements qui peuvent défendre le feu et les gaz toxiques. Éteignez le feu dans le sens du vent. Retirez le récipient dans l'espace ouvert dès que possible. Vaporisez de l'eau sur les contenants du foyer pour les garder au frais jusqu'à la fin de l'extinction.

7. MANIPULATION ET STOCKAGE

Espace de rangement	Conserver les récipients bien fermés dans un endroit sec, frais et bien ventilé. Magasin verrouillé. Garder hors de la portée des enfants.
Manipulation	Évitez les abus mécaniques et électriques. Ne court-circuitez pas et n'installez pas correctement. Les piles peuvent se rompre ou s'échapper si elles sont démontées, écrasées, rechargées ou exposées à des les températures. Installez les piles conformément aux instructions de l'équipement.
Déversements de grandes quantités Piles (non emballées)	Informer le personnel de déversement des déversements importants. Des vapeurs irritantes et inflammables peuvent être libérées piles qui fuient ou qui se sont rompues. Écartez les batteries

state/provincial and local regulations. Do not accumulate large quantities of used batteries for disposal as accumulations could cause batteries to short-circuit. Do not incinerate. In countries, such as Canada and the EU, where there are regulations for the collection and recycling of batteries, consumers should dispose of their used batteries into the collection network at municipal depots and retailers. They should not dispose of batteries with household trash.

9. Transport information

DOT	NOT REGULATED
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
IMDG/IMO	Not regulated
Hazard Class	N/A
Marine Pollutant	Product is a marine pollutant according to the criteria set by IMDG/IMO
RID	Not regulated
ADR	Not regulated
ADN	Not regulated

10. REGULATORY INFORMATION

(a) Safety, health and environmental regulations specific for the product in question

CAS No.	USA TSCA	EU EINECS	Japan ENCS	Korea ECL	China IECSC	Canada DSL
1313-13-9	Listed	Listed	Listed	Listed	Listed	Listed
7440-66-6	Listed	Not listed	Listed	Listed	Listed	Listed
7732-18-5	Listed	Listed	Listed	Listed	Listed	Listed
1310-58-3	Listed	Not listed	Listed	Listed	Listed	Listed

pour arrêter le court-circuit. Éliminez tout sources d'allumage. Évacuez la zone et laissez les vapeurs se dissiper. Le personnel de nettoyage doit porter un EPI approprié pour éviter tout contact avec les yeux et la peau et l'inhalation de vapeurs ou de fumées. Augmentez la ventilation. Recueillir soigneusement les piles et les placer dans un récipient approprié pour disposition. Enlever tout liquide renversé avec un matériau absorbant et le contenir pour l'élimination.

8. CONSIDÉRATIONS RELATIVES À L'ÉLIMINATION

Jetez les piles usagées (ou en excès) conformément aux réglementations fédérales, étatiques / provinciales et locales. N'accumulez pas de grandes quantités de piles usagées pour les éliminer, car les accumulations peuvent provoquer un court-circuit des piles. Ne pas incinérer. Dans des pays comme le Canada et l'UE, où il existe des réglementations pour la collecte et le recyclage des piles, les consommateurs doivent jeter leurs piles usagées dans le réseau de collecte dans les dépôts municipaux et les détaillants. Ils ne doivent pas jeter les piles avec les ordures ménagères.

9. Informations de transport

POINT	NON RÉGLEMENTÉ
Nom d'expédition	NON RÉGLEMENTÉ
Classe de danger	N / A
TMD	Non réglementé
MEX	Non réglementé
OACI	Non réglementé
IATA	Non réglementé
Nom d'expédition	NON RÉGLEMENTÉ
Classe de danger	N / A
IMDG / IMO	Non réglementé
Classe de danger	N / A
Polluant marin	Le produit est un polluant marin selon les critères fixés par IMDG / IMO

7782-42-5	Listed	Listed	Listed	Listed	Listed	Not listed
7440-50-8	Listed	Listed	Listed	Listed	Listed	Listed
7439-89-6	Listed	Not listed	Listed	Listed	Listed	Listed
7440-02-0	Listed	Listed	Not listed	Listed	Listed	Not listed
28757-63-3	Listed	Not listed	Listed	Listed	Listed	Not listed

11. OTHER INFORMATION

TSCA: Toxic Substances Control Act, The American chemical inventory.

DSL Domestic Substances List

EINECS: European Inventory of Existing Commercial chemical Substances

ENCS Japanese Existing and New Chemical Substances

ECL: Existing Chemicals List, the Korean chemical inventory.

IECSC: Inventory of existing chemical substances in China.

Because all of our batteries are defined as "articles", they are exempted from the requirements of the Hazard Communication Standard. The information in this AIS is provided all the relevant data fully and truly. However, the information is provided without any warranty on their absolute extensiveness and accuracy. This AIS was prepared to provide safety preventive measures for the users who have got professional training. The personal user who obtained this AIS should make independent judgment for the applicability of this AIS under special conditions. In these special cases, we do not assume responsibility for the damage.

---------- End of the AIS ----------

DÉBARRASSER Non réglementé

ADR Non réglementé

ADN Non réglementé

10. INFORMATIONS RÉGLEMENTAIRES

a) Réglementations de sécurité, de santé et d'environnement spécifiques au produit en question

N ° CAS.	Etats-Unis TSCA	UE EINECS	Japon ENCS	Corée ECL	Chine IECSC	Canada DSL
1313-13-9	Listé	Listé	Listé	Listé	Listé	Listé
7440-66-6	Listé	Non listé	Listé	Listé	Listé	Listé
7732-18-5	Listé	Listé	Listé	Listé	Listé	Listé
1310-58-3	Listé	Non listé	Listé	Listé	Listé	Listé
7782-42-5	Listé	Listé	Listé	Listé	Listé	Non listé
7440-50-8	Listé	Listé	Listé	Listé	Listé	Listé
7439-89-6	Listé	Non listé	Listé	Listé	Listé	Listé
7440-02-0	Listé	Listé	Non listé	Listé	Listé	Non listé
28757-63-3	Listé	Non listé	Listé	Listé	Listé	Non listé

11. LES AUTRES INFORMATIONS

TSCA: Toxic Substances Control Act, l'inventaire américain des produits chimiques.

DSL Liste intérieure des substances

EINECS: Inventaire européen des substances chimiques commerciales existantes

ENCS Substances chimiques japonaises existantes et nouvelles

ECL: Existing Chemicals List, l'inventaire coréen des produits chimiques.

IECSC: Inventaire des substances chimiques existantes en Chine.

Parce que toutes nos batteries sont définies comme des «articles», elles sont exemptées des exigences de la norme de communication des dangers. Les informations contenues dans cet AIS sont fournies toutes les données pertinentes pleinement et véritablement. Cependant, les informations sont fournies sans aucune garantie quant à leur étendue et leur précision absolues.

Cet AIS a été préparé pour fournir des mesures préventives de sécurité aux utilisateurs ayant reçu une formation professionnelle. L'utilisateur personnel qui a obtenu cet AIS doit faire un jugement indépendant quant à l'applicabilité de cet AIS dans des conditions spéciales. Dans ces cas particuliers, nous déclinons toute responsabilité pour les dommages.

---------- Fin de l'AIS ---------- ----