#### **Section 1 - Product and Company Identification**

#### **Product Identifiers:**

Product Name:	Spectracide Weed & Grass Killer With Extended	
	Control	
EPA Registration Number:	9688-264-8845	
Product Use:	Herbicide – Non-selective, Ready-to-Use	

#### **Details of the Supplier of the Safety Data Sheet:**

Manufacturer/Supplier:	Chemsico Division of United Industries Corp. P.O. Box 142642 St. Louis, MO 63114-0642
For product information or medical emergencies:	1-800-917-5438

#### Section 2 - Hazards Identification

Conforms to Hazard Communication Standard 29 CFR 1910.1200.

# **GHS Classification of Substance or Mixture:** Not classified as a physical hazard.

#### **GHS Label Elements:**

Hazard pictogram(s):	
Signal word:	
Hazard statements:	



#### WARNING

- Causes skin irritation
- Causes eye irritation

#### **Precautionary Statements:**

• Wash thoroughly with soap and water after handling. Wear protective gloves. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

• If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### Section 3 - Composition / Information on Ingredients

Chemical Name	CAS#	Weight Percent
Diquat Dibromide	85-00-7	0.12%
Fluazifop-p-butyl	79241-46-6	0.06%
Dicamba, dimethylamine salt	2300-66-5	0.04%
Oxyfluorfen	42874-03-3	0.10%
Light aromatic naptha	64742-95-6	0.81%

Note: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

Eye contact:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
Skin contact:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
Inhalation:	No special requirements
Ingestion:	No special requirements
Notes to physician:	None
General advice:	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Keep out of reach of children.

# Section 5 - Fire Fighting Measures

Flammable properties:	Not flammable by OSHA criteria.		
Suitable extinguishing media:	Water fog, foam, CO <sub>2</sub> , dry chemical		
Unsuitable extinguishing media:	Not available		
Specific hazards arising from the chemical:	Container may melt and leak in heat of fire. Do not allow run-off from firefighting to enter drains or water courses.		
Protective equipment for firefighters:	Firefighters should wear full protective clothing including self-contained breathing apparatus.		
Hazardous combustion products:	None known		
Sensitivity to mechanical impact:	None known		
Explosion data:	Not available		
Sensitivity to static discharge:	Not available		
Personal precautions:	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.		

#### **Section 6 - Accidental Release Measures**

Personal precautions:	Remove all sources of ignition. Wear personal protective equipment. Wash thoroughly after handling.
For emergency responders:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.
Environmental precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Methods for containment and	
cleaning up:	Stop leak if without risk. Move containers from spill area. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with earth, sand or absorbent material swept up and placed in suitable,

covered, and labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

ection 7 - Handling and Storage	
Precautions for safe handling:	Put on appropriate personal protective equipment (see Section 8). Do not use near heat, open flame or any other ignition source. Take measures to prevent the buildup of electrostatic charge. Avoid contact with skin, eyes and clothing. Use an appropriate respirator when adequate ventilation is not available. Avoid breathing vapors or spray mists of the product.
Storage:	Store product in a cool, dry place, out of reach of children. Keep container closed when not in use. Keep away from food, drink and animal feedingstuffs. Keep tightly closed. Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

# Section 8 - Exposure Controls / Personal Protection

#### **Exposure guidelines:**

Components with Occupational Exposure Limits							
		Exposure Limits					
		OSHA PEL ACGIH TLV Supplier		plierOEL			
Chemical name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Diquat Dibromide	TWA	No	t listed	No	t listed	No	ot listed
Fluazifop-p-butyl	TWA	Not es	stablished	Not e	stablished		0.5
Dicamba, dimethylamine salt	TWA	Not es	stablished		0.5		0.5
Oxyfluorfen	TWA		1.6		0.2	No	ot listed
Light aromatic naptha	TWA	No	t listed	No	t listed	No	ot listed

**Engineering controls:** 

General ventilation normally adequate.

# Personal protective equipment:

Eye/Face protection:	During application, prevent entry into eyes. Wear safety glasses with side shields if using in large applications. Use protective gloves when using product.
Hand protection:	Wash hands after handling product.
Skin and body protection:	None required.
Respiratory protection:	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
General hygiene considerations:	Handle in accordance with good industrial hygiene and safety practice. When using, do not eat or drink. Wash hands before breaks and immediately after handling the product.

# Section 9 - Physical & Chemical Properties

Appearance:	Clear
Color:	Amber

Physical state:	Liquid
Odor:	Mild aromatic & amine
Odor threshold:	No data available
pH:	5.5 – 7.75
Melting point:	No data available
Freezing point:	No data available
Boiling point:	No data available
Flash point:	>200°F
Evaporation rate:	No data available
Flammability limits in air, lower, % by volume:	No data available
Flammability limits in air, upper, % by volume:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density @ 20°C:	1.00
Octanol/water coefficient:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Solubility:	Soluble in water
% Volatile organic compounds:	0.8

# Section 10 - Chemical Stability & Reactivity Information

# Reactivity

Conditions to avoid: Incompatible materials:	Do not mix with other chemicals. Avoid strong oxidizers.
Chemical stability	
Product stability:	Stable under recommended storage conditions.
Other	
Hazardous decomposition products:	None known
Possibility of hazardous reactions:	Hazardous polymerization does not occur.

# Section 11 - Toxicological Information

Primary eye irritation:	Causes moderate eye irritation (EPA tox. category III)
Primary skin irritation:	May cause skin irritation (EPA tox. category III)
Acute dermal:	LD <sub>50</sub> > 5000 mg/kg (EPA tox. category IV)
Acute inhalation:	$LC_{50} > 2 \text{ mg/L}$ (EPA tox. category IV)
Acute oral:	LD <sub>50</sub> > 5000 mg/kg (EPA tox. category IV)
Sensitization:	Not a skin sensitizer.
Chronic effects:	No data available

Carcinogenicity:	No data available
Mutagenicity:	No data available
Reproductive effects:	No data available
Teratogenicity:	No data available
Ecotoxicity:	No data available

# Section 12 - Ecological Information

Environmental effects:	No data available
Aquatic toxicity:	Toxic to aquatic organisms.
Persistence / degradability:	No data available
Bioaccumulation / accumulation:	No data available
Partition coefficient:	No data available
Mobility in environmental media:	No data available
Chemical fate information:	No data available

# Section 13 - Disposal Considerations

Waste codes:	Not available
Disposal instructions:	Dispose in accordance with all applicable regulations.
Waste from residues/unused	
products:	Not available
Contaminated packaging:	Not available

# Section 14 - Transportation Information

U.S. Department of Transportation (DOT): IATA:	Not regulated
For quantities < 5kg/5L ship as:	Not regulated
For quantities $\geq 5 kg/5L$ ship as:	UN3082, Environmentally Hazardous Substance, Liquid, N.O.S., (Fusilade), Limited Quantity, 9, III
IMDG:	
For quantities < 5kg/5L ship as:	Not regulated
For quantities $\geq 5kg/5L$ ship as:	UN3082, Environmentally Hazardous Substance, Liquid, N.O.S., (Fusilade), Limited Quantity, 9, III

# Section 15 - Regulatory Information

29 CFR 1910.1200 hazardous chem	ical
Occupational Safety and Health Administration (OSHA) :	No
CERCLA (Superfund) reportable quantity:	Not available

# Hazard categories

#### Superfund Amendments and Reauthorization Act of 1986 (SARA):

Immediate Hazard	No
Delayed Hazard	No
Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No
Section 302 extremely hazardous	
Substance:	No
Section 311 hazardous chemical:	No
Clean Air Act (CAA):	Not available
Clean Water Act (CWA):	Not available
State regulations:	None

**FIFRA labeling:** This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Signal word: Precautionary statements:	CAUTION Causes skin irritaiton. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.
Notification status:	All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
California Prop. 65:	This product does not contain any chemicals known to the state of California to cause cancer, birth defects or any other reproductive harm.
Disclaimer:	Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

#### **SECTION 16 - OTHER INFORMATION**

HMIS ratings: Item number(s):	Health Hazard 1    Flammability  0   Physical Hazard   0 HG-95964; HG-96385; HG-96462; HG-96218;
Formula number(s):	21-1018
Issue date:	2/29/2016
Prepared by:	Spectrum Group Division of United Industries Corp. P.O. Box 142642 St. Louis, MO 63114-0642 (800) 242-1166



According to HCS-2012 APPENDIX D TO §1910.1200

#### Version: 1.0/EN **Product name: Alkaline battery**

Revision date: 29/04/2015 Issue date: 11/11/2015

Identification	
(a) Product identifier	
Product name:	Alkaline battery
(b) Other means of identifie	cation
Product description:	Model: AAA LR03, AA LR6, C LR14, D LR20, 9V 6LR61 Nominal Voltage:1.5V
(c) Recommended use of th	e chemical and restrictions on use
Recommended use:	Alkaline battery
Restriction on use:	No information available.
(d) Details of the supplier o	f the product
Company name(China)	GPS Distributor, Inc
Address:	Calle Almería #321, Urb. Valencia, Rio Piedras, PR 00923
E-mail:	carlos.rafael@pr-bs.com
Telephone:	787-523-3770
(e) Emergency phone numb	per
787-448-0906	

# 2. Hazard(s) identification

#### (a) Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) This product is an article which is a sealed battery and as such does not require an MSDS per the OSHA hazard communication standard unless ruptured. The hazards indicated are for a ruptured battery.

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (repeated exposure) Category	Category 1

#### (b) GHS Label elements, including precautionary statements

Emergency Overview		
Signal word	Danger	
Hazard Statements		
Causes skin irritation		
Causes serious eye damage		
This product is an article which co	ntains a chemical substance. Safety information is given for exposure to the	

article as sold. Intended use of the product should not result in exposure to the chemical substance. This is a





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Version: 1.0/EN Product name: Alkaline battery

battery. In case of rupture: the above hazards exist.

Appearance: Blue and Orange

Physical State: Solid

Odor: Odorless

# **Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection Do not breathe dust/fume/gas/mist/vapors/spray Do not eat, drink or smoke when using this product

# **Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label) Get medical advice/attention if you feel unwell

# Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician

# Skin

IF ON SKIN: Wash with plenty of soap and water If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash before reuse

# **Precautionary Statements - Storage**

No information available.

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

# (c) Hazards not otherwise classified (HNOC)

No information available.

#### (d) Unknown Toxicity

10% of the mixture consists of ingredient(s) of unknown toxicity.

# *(e) Other information* No information available.

# (f) Interactions with Other Chemicals

No information available.

# 3. Composition/information on ingredients



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#### Version: 1.0/EN Product name: Alkaline battery

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# (a) Mixtures information

Chemical name	CAS No.	Concentration%
Manganese dioxide	1313-13-9	41.8
Nickel-containing steels	12681-83-3	16
Potassium hydroxide	1310-58-3	15
Zinc	7440-66-6	16
Water	7732-18-5	8.2
Graphite	7782-42-5	3

#### 4. First-aid measures

#### (a) Description of first aid measures

General Advice	First aid is upon rupture of sealed battery.	
Eye contact: Show this safety data sheet to the doctor in attendance.		
	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep	
	eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue	
	rinsing. Get medical attention if irritation develops and persists. Do not rub affected area.	
Skin contact:	Remove contaminated clothes and rinse the skin with plenty of water. Get medical advice /	
	attention if you feel unwell.	
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained	
	personnel should) give oxygen. Get medical advice / attention if you feel unwell.	
Ingestion:	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an	
	unconscious person. Do NOT induce vomiting. Get medical aid.	
Self-protection of	Ensure that medical personnel are aware of the material(s) involved, take precautions to	
the first aider	protect themselves and prevent spread of contamination.	

#### (b) Most important symptoms/effects, acute and delayed

Contact with internal components may cause allergic skin sensitization (rash) and irritate eyes, skin, nose, throat, respiratory system. Cobalt and Cobalt compounds are considered to be possible human carcinogen(s).

#### (c) Immediate medical attention and special treatment

No information available.

#### 5. Fire-fighting measures

#### (a) Extinguishing media

Suitable extinguishing media:
Unsuitable extinguishing media:

Use foam, dry powder or dry sand,  $CO_2$  as appropriate. No information available.

#### (b) 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, CO<sub>2</sub>, Metal oxides, Irritating fumes.

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#### (c) Special protective equipment and precautions for fire-fighters

Firefighters must wear fire resistant protective equipment and appropriate breathing apparatus. The staff must equip with filter mask (full mask) or isolated breathing 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.

#### 6. Accidental release measures

#### (a) Personal precautions, protective equipment and emergency procedures

If the Alkaline battery material is released, remove personnel from area until fumes dissipate. Provide maximum ventilation to clear out hazardous gases. The preferred response is to leave the area, dispose the case after the batteries cool and vapors dissipate. Provide maximum ventilation. Avoid skin and eye contact or inhalation of vapors.

#### (b) Environmental Precautions

Prevent material from contaminating soil and from entering sewers or waterways.

#### (c) Methods and materials for containment and cleaning up

If battery casing is dismantled, small amounts of electrolyte may leak. Collect all released material in a plastic lined container. Dispose off according to the local law and rules. Avoid leached substances to get into the earth, canalization or waters.

#### 7. Handling and storage

#### (a) Precautions for safe handling

Always follow the warning information on the batteries and in the manuals of devices. Only use the recommended battery types. Keep batteries away from children. For devices to be used by children, the battery casing should be protected against unauthorized access. Unpacked batteries shall not lie about in bulk. In case of battery change always replace all batteries by new ones of identical type and brand. Do not swallow batteries. Do not throw batteries into water. Do not throw batteries into fire. Avoid deep discharge. Do not short-circuit batteries Use recommended charging time and current.

#### (b) Conditions for safe storage, including any incompatibilities

If the Alkaline battery is subject to storage for such a long term as more than 3 months, it is recommended at -10  $^\circ$ C ~45  $^{\circ}$  for 1 month storage, at -10  $^{\circ}$  c~35  $^{\circ}$  for 3 months storage. Do not storage Alkaline battery haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects. Keep out of reach of children.

#### 8. Exposure controls/personal protection

#### (a)Control parameters

#### **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Graphite 7782-42-5	TWA: 2 mg/m <sup>3</sup> (Respirable fraction)	15 mppcf (Z-3)	TWA: 2.5 mg/m <sup>3</sup>



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Manganese dioxide 1313-13-9	TWA: 0.2 mg/m <sup>3</sup>	CEIL: 5 mg/m <sup>3</sup>	Not established
Potassium hydroxide 1310-58-3	CEIL: 2 mg/m <sup>3</sup>	CEIL: 2 mg/m <sup>3</sup>	CEIL: 2 mg/m <sup>3</sup>
Zinc 7440-66-6	Not established	Not established	Not established

ACGIH TLV: American Conference of Governmental Industrial Hygienists -Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

**Other Exposure Guidelines:** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962(11th Cir., 1992) See section 15 for national exposure control parameters

#### (b) Appropriate engineering controls

Engineering Measures:1.Showers2.Eyewash stations3.Ventilation systems

#### (c) Individual protection measures, such as personal protective equipment

Eye/Face Protection:	Not necessary under normal conditions, wear safety glasses if handling an open or leaking battery.
Skin and body Protection:	Not necessary under normal conditions, Wear protective gloves and protective clothing such as long sleeved clothing, impervious gloves, chemical resistant apron, and antistatic boots if handling an open or leaking battery.
Respiratory Protection:	Not necessary under normal conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink, or smoke in work area. Maintain good housekeeping.

#### 9. Physical and chemical properties

(a) Appearance	Blue and Orange Solid
(b) Odor	Odorless
(c) Odor threshold	Not available.
(d) pH	Not available.
(e) Melting point/freezing point	Not available.
(f) Initial boiling point and boiling range	Not available.
(g) Flash point	Not applicable.
(h) Evaporation rate	Not applicable.
(i) Flammability	Non flammable.
(j) Upper/lower flammability or explosive limits	Not available.
(k) Vapor pressure	Not applicable.
(I) Vapor density	Not available.



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(m) Relative density	Not available.
(n) Solubility(ies)	Insoluble in water.
(o) Partition coefficient: n-octanol/water	Not available.
(p) Auto-ignition temperature	<b>130</b> ℃
(q) Decomposition temperature	Not available.
(r) Viscosity	Not available.

# 10. Stability and reactivity

#### (a) Reactivity

Stable under recommended storage and handling conditions.

#### (b) Chemical stability

Stable under normal conditions.

#### (c) Possibility of hazardous reactions

When heated above 150°C the risk of rupture occurs. Due to special safety construction, rupture implies controlled release of pressure without ignition.

#### (d) Conditions to avoid

Do not subject Alkaline battery to mechanical shock. Keep away from open flames, high temperature.

#### (e) Incompatible materials

Strong oxidizer, strong acid.

#### (f) Hazardous decomposition products

Under fire conditions, the electrode materials can form carcinogenic nickel and cobalt oxides.

# **11. Toxicological information**

#### (a) Information on the likely routes of exposure

Inhalation:	Inhalation of a large number of vapors or fumes released due to heat may cause respiratory.
Ingestion:	Ingestion of battery contents may cause mouth, throat and intestinal burns and damage.
Skin contact:	Contact with battery electrolyte may cause burns and skin irritation.
Eye contact:	Contact with battery electrolyte may cause burns. Eye damage is possible.

Under normal conditions (during charge and discharge) release of ingredients does not occur. If accidental release occurs see information in section 4. Swallowing of a battery can be harmful. Call the local Poison Control Centre for advice and follow-up.

#### (b) Information on toxicological characteristics

Acute toxicity:	No data available.	
Skin corrosion/irritation:	The liquid in the battery irritates.	
Serious eye damage/irritation:	The liquid in the battery irritates.	
Respiratory sensitization:	The liquid in the battery may cause sensitization to some person.	
Skin sensitization:	The liquid in the battery may cause sensitization to some person.	
Carcinogenicity:	Cobalt and Cobalt compounds are considered to be possible human	



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		carcinogen(3).
	Germ Cell Mutagenicity:	No data available.
	Reproductive Toxicity:	No data available.
	STOT-Single Exposure:	No data available.
	STOT-Repeated Exposure:	No data available.
	Aspiration Hazard:	No data available.
(c) Delayed and immediate effects as well as chronic effects from short and long-term exposure		
	Sensitization:	No data available.
	Mutagenic Effects:	No data available.
	Carcinogenicity:	No data available.
	Reproductive Toxicity:	No data available.
	Chronic Toxicity:	No data available.
	Target Organ Effects:	No data available.
	Aspiration Hazard:	No data available.

carcinogen(s).

# 12. Ecological information

#### (a) Ecotoxicity

Water hazard class 1(Self-assessment): slightly hazardous for water.

#### (b) Persistence and Degradability

No information available.

(c) Bioaccumulative potential

No information available.

#### (d) Mobility in soil

No information available.

#### (e) Other adverse effects

No information available.

#### **13.** Disposal considerations

#### Safe handling and methods of disposal

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Local regulations may be more stringent than regional or national requirements.

Product disposal recommendation: Observe local, state and federal laws and regulations.

Packaging disposal recommendation: Be aware discarded batteries may cause fire, tape the battery terminals to insulate them. Don't disassembly the battery. Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local, state and federal laws and regulations.

The potential effects on the environment and human health of the substances used in batteries and accumulators; the desirability of not disposing of waste batteries and accumulators as unsorted municipal waste and of participating in their separate collection so as to facilitate treatment and recycling.



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#### 14. Transport information

Alkaline battery are unregulated for purpose of transportation by the U.S. Department of Transportation(DOT), International Civil Aviation Administration(ICAO), International Air Transport Association(IATA) and International maritime Dangerous Goods Regulations(IMDG). The only DOT requirement for shipping these batteries is special provision A67 which states: "Batteries, dry are not subject to the requirements of this subchapter only when they are offered for transportation in a manner that prevents the dangerous evolution of heat (For example, by the effective insulation of exposed terminals). As of 1/1/97 IATA requires that batteries being transported by air must be protected from short-circuiting and protected from movement could lead to short-circuitig."

#### **15. Regulatory information**

#### OSHA hazard communication standard (29 CFR 1910.1200)

\_\_\_\_\_Hazardous

# 16. Other information, including date of preparation or last revision

#### (a) Preparation and revision information

Date of previous revision: Not applicable. Revision summary: The first New SDS

Date of this revision: 29/04/2015

# (b) Abbreviations and acronyms

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.

#### (c) Disclaimer

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

----- End of the SDS ------