Material Safety Data Sheet

Issuing Date 13-May-2013 **Revision Date** 03-May-2013 **Revision Number** 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name **Home Depot**

Recommended Use Lights, Fluorescent.

Supplier Address
Technical Consumer Products, Inc.
325 Campus Drive
Aurora
OH
44202
US
Phone:330-995-6111
Contact:Jim Matta
Email:jmatta@tcpi.com
Contact Phone330-414-7857

2. HAZARDS IDENTIFICATION

Emergency Overview

This product is an article. No exposure to hazardous chemicals is expected to occur during intended product use. Misuse of the product may result in exposure to hazardous chemicals.

Appearance White to off-white **Physical State** Solid. **Odor** None

Potential Health Effects

Principle Routes of Exposure Skin contact.

Acute Toxicity

Eyes No hazard from product as supplied
Skin No hazard from product as supplied
Inhalation No hazard from product as supplied
Ingestion Not an expected route of exposure.

Chronic Effects No known effect based on information supplied.

Aggravated Medical Conditions None known.

Environmental Hazard See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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Chemical Name	CAS-No	Weight %
Solders, dross - Oxides formed during the melting and use of solders for the electronics industry. Consists primarily of oxides of tin, lead and antimony with some silver and gold.	94551-97-0	30-60
Barium oxide	1304-28-5	15-40
Nickel	7440-02-0	1 - 5

Copper	7440-50-8	1 - 5
Zinc	7440-66-6	1 - 5
Mercury	7439-97-6	< 0.1

4. FIRST AID MEASURES

General Advice In case of rupture:

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a physician immediately.

Skin Contact Wash off immediately with soap and plenty of water for at least 15 minutes while removing all contaminated clothing and shoes. Call a physician immediately.

Inhalation Move to fresh air. If not breathing, give artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Call a physician or Poison Control Center immediately.

Ingestion Do NOT induce vomiting. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person.

Notes to Physician Treat symptomatically. May cause sensitization of susceptible persons.

Protection of First-aiders Use personal protective equipment. Avoid contact with skin, eyes and clothing. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. FIRE-FIGHTING MEASURES

Flammable Properties Not flammable.

Flash Point Not determined.

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Hazardous Combustion Products Hazardous metal fumes and oxides.

Explosion Data

Sensitivity to Mechanical Impact No.

Specific Hazards Arising from the Chemical Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes.

Sensitivity to Static Discharge No.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA **Health Hazard** 1 **Flammability** 0 **Stability** 0 **Physical and Chemical Hazards** -

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use personal protective equipment. Avoid contact with skin, eyes and clothing.

Environmental Precautions Refer to protective measures listed in Sections 7 and 8.

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Use personal protective equipment. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling In case of rupture: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wear personal protective equipment. Ensure adequate ventilation.

Storage Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Solders, dross - Oxides formed during the melting and use of solders for the electronics industry. Consists primarily of oxides of tin, lead and antimony with some silver and gold. 94551-97-0	TWA: 2 mg/m^3 Sn except Tin hydride TWA: 0.05 mg/m^3 Pb TWA: 0.5 mg/m^3 Sb	TWA: 2 mg/m^3 Sn except oxides TWA: 50 Âµg/m^3 Pb TWA: 0.5 mg/m^3 Sb Action Level: 30 Âµg/m^3 Pb Poison, See 29 CFR 1910.1025 (vacated) TWA: 2 mg/m^3 Sn except oxides (vacated) TWA: 0.5 mg/m^3 Sb	IDLH: 100 mg/m^3 Sn IDLH: 50 mg/m^3 Sb IDLH: 100 mg/m^3 Pb TWA: 2 mg/m^3 except Tin oxides Sn TWA: 0.5 mg/m^3 Sb TWA: 0.050 mg/m^3 Pb
Barium oxide 1304-28-5	TWA: 0.5 mg/m^3 Ba	TWA: 0.5 mg/m^3 Ba (vacated) TWA: 0.5 mg/m^3 Ba	TWA: 0.5 mg/m^3 except Barium sulfate Ba
Nickel 7440-02-0	TWA: 1.5 mg/m^3	TWA: 1 mg/m^3 (vacated) TWA: 1 mg/m^3	IDLH: 10 mg/m^3 TWA: 0.015 mg/m^3
Copper 7440-50-8	TWA: 0.2 mg/m^3 fume	TWA: 0.1 mg/m^3 fume TWA: 1 mg/m^3 dust and mist (vacated) TWA: 0.1 mg/m^3 Cu dust, fume, mist	IDLH: 100 mg/m^3 dust, fume and mist TWA: 1 mg/m^3 dust and mist TWA: 0.1 mg/m^3 fume
Mercury 7439-97-6	TWA: 0.025 mg/m^3 S*	(vacated) TWA: 0.05 mg/m^3 vapor (vacated) STEL: 0.03 mg/m^3 (vacated) S* (vacated) Ceiling: 0.1 mg/m^3	IDLH: 10 mg/m^3 Ceiling: 0.1 mg/m^3 TWA: 0.05 mg/m^3 vapor

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: 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).

Engineering Measures Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment

Eye/Face Protection Tightly fitting safety goggles.

Skin and Body Protection Protective gloves.

Respiratory Protection No protective equipment is needed under normal use 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to off-white.	**Odor**	None.
Odor Threshold	No information available	**Physical State**	Solid
pH	No information available		
Flash Point	No information available.	**Autoignition Temperature**	No information available
Decomposition Temperature	No information available	**Boiling Point/Range**	No information available
Melting Point/Range	No information available		
Flammability Limits in Air	No information available	**Explosion Limits**	No information available
Water Solubility	No data available	**Solubility**	No information available
Evaporation Rate	No information available	**Vapor Pressure**	No data available
Vapor Density	No data available	**Partition Coefficient: n-octanol/water**	

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

Incompatible Products None known.

Conditions to Avoid None known.

Hazardous Decomposition Products Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous Polymerization Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Nickel	> 9000 mg/kg (Rat)	-	-

Chronic Toxicity

Chronic Toxicity No known effect based on information supplied.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Solders, dross - Oxides formed during the melting and use of solders for the electronics industry. Consists primarily of oxides of tin, lead and antimony with some silver and gold.	A3	Group 2A	Reasonably Anticipated	X
Nickel		Group 1 Group 2B	Known Reasonably Anticipated	X
Mercury		Group 3		

ACGIH: (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen
IARC: (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans
Group 2A - Probably Carcinogenic to Humans
Group 2B - Possibly Carcinogenic to Humans
NTP: (National Toxicity Program)
Known - Known Carcinogen
Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen
OSHA: (Occupational Safety & Health Administration)
X - Present

Target Organ Effects Central Vascular System (CVS). Eyes. Kidney. Liver. Lungs. Nasal cavities. Respiratory system. Skin.

12. ECOLOGICAL INFORMATION

This product contains a chemical which is listed as a severe marine pollutant according to DOT.

Ecotoxicity

The environmental impact of this product has not been fully investigated. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Nickel	EC50: 0.174 - 0.311 mg/L (96 h static) Pseudokirchneriella subcapitata EC50: 0.18 mg/L (72 h) Pseudokirchneriella subcapitata	LC50: 10.4 mg/L (96 h static) Cyprinus carpio LC50: 1.3 mg/L (96 h semi-static) Cyprinus carpio LC50: > 100 mg/L (96 h) Brachydanio rerio		EC50: 1 mg/L (48 h Static) Daphnia magna EC50: > 100 mg/L (48 h) Daphnia magna
Copper	EC50: 0.031 - 0.054 mg/L (96 h static) Pseudokirchneriella subcapitata EC50: 0.0426 - 0.0535 mg/L (72 h static) Pseudokirchneriella subcapitata	LC50: 1.25 mg/L (96 h static) Lepomis macrochirus LC50: 0.112 mg/L (96 h flow-through) Poecilia reticulata LC50: 0.8 mg/L (96 h static) Cyprinus carpio LC50: 0.3 mg/L (96 h semi-static) Cyprinus carpio LC50: 0.052 mg/L (96 h flow-through) Oncorhynchus mykiss LC50: 0.0068 - 0.0156 mg/L (96 h) Pimephales promelas LC50: 0.2 mg/L (96 h flow-through) Pimephales promelas LC50: < 0.3 mg/L (96 h static) Pimephales promelas		EC50: 0.03 mg/L (48 h Static) Daphnia magna
Zinc	EC50: 0.09 - 0.125 mg/L (72 h static) Pseudokirchneriella subcapitata EC50: 0.11 - 0.271 mg/L (96 h static) Pseudokirchneriella subcapitata	LC50: 2.16-3.05 mg/L (96 h flow-through) Pimephales promelas LC50: 7.8 mg/L (96 h static) Cyprinus carpio LC50: 0.45 mg/L (96 h semi-static) Cyprinus carpio LC50: 30 mg/L (96 h) Cyprinus carpio LC50: 0.59 mg/L (96 h semi-static) Oncorhynchus mykiss LC50: 0.41 mg/L (96 h static) Oncorhynchus mykiss LC50: 3.5 mg/L (96 h static) Lepomis macrochirus LC50: 0.211-0.269 mg/L (96 h semi-static) Pimephales promelas LC50: 0.24 mg/L (96 h flow-through) Oncorhynchus mykiss LC50: 2.66 mg/L (96 h static) Pimephales promelas		EC50: 0.139 - 0.908 mg/L (48 h Static) Daphnia magna
Mercury		LC50: 0.18 mg/L (96 h static) Cyprinus carpio LC50: 0.9 mg/L (96 h flow-through) Oryzias latipes LC50: 0.16 mg/L (96 h semi-static) Cyprinus carpio LC50: 0.5 mg/L (96 h) Cyprinus carpio		EC50: 5.0 Âµg/L (96 h) water flea

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging Dispose of in accordance with local regulations.

US EPA Waste Number D005
D009

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Nickel - 7440-02-0	(hazardous constituent - no waste number)	Included in waste streams: F006, F039		
Mercury - 7439-97-6	U151	Included in waste streams: F039, K071, K106, K175	0.2 mg/L regulatory level	U151

California Hazardous Waste Codes M003

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California EHW	California Carc	California Hazardous Waste	California Waste - Part 2
Solders, dross - Oxides formed during the melting and use of solders for the electronics industry. Consists primarily of oxides of tin, lead and antimony with some silver and gold.			Toxic	STLC (for PBTs): 5 mg/L STLC (for PBTs): 250 mg/L STLC (for PBTs): 15 mg/L STLC (for PBTs): 5.0 mg/L TTLC (for PBTs): 500 mg/kg TTLC (for PBTs): 5000 mg/kg TTLC (for PBTs): 1000 mg/kg
Barium oxide			Toxic	STLC (for PBTs): 100 mg/L except Barite TTLC (for PBTs): 10000 mg/kg except Barium sulfate and Barite
Nickel			Toxic powder Ignitable powder	STLC (for PBTs): 20 mg/L TTLC (for PBTs): 2000 mg/kg
Copper			Toxic	STLC (for PBTs): 25 mg/L TTLC (for PBTs): 2500 mg/kg
Zinc			Ignitable powder	STLC (for PBTs): 250 mg/L TTLC (for PBTs): 5000 mg/kg
Mercury	Toxic		Toxic	STLC (for PBTs): 0.2 mg/L TTLC (for P&Bs) (EHW): 2000 mg/kg as Hg TTLC (for PBTs): 20 mg/kg TCLP (for CA Toxicity): 0.2 mg/L

14. TRANSPORT INFORMATION

DOT NOT REGULATED

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL Not determined

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Solders, dross - Oxides formed during the melting and use of solders for the electronics industry. Consists primarily of oxides of tin, lead and antimony with some silver and gold.	94551-97-0	30-60	0.1
Barium oxide	1304-28-5	15-40	1.0
Nickel	7440-02-0	1 - 5	0.1
Copper	7440-50-8	1 - 5	1.0
Zinc	7440-66-6	1 - 5	1.0
Mercury	7439-97-6	< 0.1	10

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Solders, dross - Oxides formed during the melting and use of solders for the electronics industry. Consists primarily of oxides of tin, lead and antimony with some silver and gold.		X		
Nickel		X	X	
Copper		X	X	
Zinc		X	X	
Mercury		X	X	

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Solders, dross - Oxides formed during the melting and use of solders for the electronics industry. Consists primarily of oxides of tin, lead and antimony with some silver and gold.	94551-97-0	30-60				

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Nickel	7440-02-0	1 - 5				
Mercury	7439-97-6	< 0.1				

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Nickel	100 lb	
Copper	5000 lb	
Zinc	1000 lb	
Mercury	1 lb	

U.S. State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	California Prop. 65
Nickel	7440-02-0	Carcinogen
Solders, dross - Oxides formed during the melting and use of solders for the electronics industry. Consists primarily of oxides of tin, lead and antimony with some silver and gold.	94551-97-0	Carcinogen Developmental
Mercury	7439-97-6	Developmental

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Barium oxide		X	X		X
Aluminum	X	X	X		X
Nickel	X	X	X	X	X
Silicon	X	X	X		
Copper	X	X	X	X	X
Yttrium	X	X	X		
Zinc	X	X	X		X
Solders, dross - Oxides formed during the melting and use of solders for the electronics industry. Consists primarily of oxides of tin, lead and antimony with some silver and gold.			X	X	X

International Regulations

Mexico - Grade Minimum risk, Grade 0

Chemical Name	Carcinogen Status	Exposure Limits
Barium oxide		Mexico: TWA 0.5 mg/m^3
Aluminum		Mexico: TWA= 10 mg/m^3
Nickel		Mexico: TWA 1 mg/m^3
Silicon		Mexico: TWA 10 mg/m^3 Mexico: STEL 20 mg/m^3
Copper		Mexico: TWA= 1 mg/m^3 Mexico: TWA= 0.2 mg/m^3 Mexico: STEL= 2 mg/m^3
Yttrium		Mexico: TWA 1 mg/m^3 Mexico: STEL 3 mg/m^3

Chemical Name	Carcinogen Status	Exposure Limits
Solders, dross - Oxides formed during the melting and use of solders for the electronics industry. Consists primarily of oxides of tin, lead and antimony with some silver and gold.	A3	Mexico: TWA 2 mg/m^3 Mexico: TWA 0.15 mg/m^3 Mexico: TWA 0.5 mg/m^3 Mexico: STEL 4 mg/m^3

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class
Not determined

Chemical Name	NPRI
Aluminum	X
Nickel	X
Zinc	X

Legend
NPRI - National Pollutant Release Inventory

16. OTHER INFORMATION

Prepared By
Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Issuing Date 13-May-2013

Revision Date 03-May-2013

Revision Note No information available

General Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet

As a courtesy to our customers, Energizer has prepared copyrighted Product Safety Datasheets to provide information on the different Eveready/Energizer battery systems. As defined in OSHA Hazard Communication Standard, Section 1910.1200 (c), Eveready/Energizer batteries are manufactured "articles", which do not result in exposure to a hazardous chemical under normal conditions of use. For this reason, Material Safety Datasheets are not required. The information and recommendations set forth herein are made in good faith, for information only, and are believed to be accurate as of the date of preparation. However, ENERGIZER BATTERY MANUFACTURING, INC., MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THIS INFORMATION AND DISCLAIMS ALL LIABILITY FROM REFERENCE ON IT.

PRODUCT SAFETY DATA SHEET

PRODUCT NAME: EVEREADY Battery

Type No.: **Volts:**

TRADE NAMES: ENERGIZER, ENERGIZER e², INDUSTRIAL ZMA, HERCULES, EVEREADY, WONDER

Approximate Weight:

CHEMICAL SYSTEM: Alkaline Manganese Dioxide-Zinc

Designed for Recharge: No

SECTION I - MANUFACTURER INFORMATION

Energizer Battery Manufacturing, Inc.
1359 Columbia Rd.
Westlake, OH 44145

Telephone Number for Information:

800-383-7323 (USA / CANADA)

Date Prepared: June 2007

SECTION II - HAZARDOUS INGREDIENTS

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

MATERIAL OR INGREDIENT	PEL (OSHA)	TLV (ACGIH)	% / wt.
Graphite (CAS# 7782-42-5)	15 mg/m^3 TWA (total dust) 5 mg/m^3 TWA (respirable fraction)	2 mg/m^3 TWA (respirable fraction)	2-6
Manganese Dioxide (CAS# 1313-13-9)	5 mg/m^3 Ceiling (as Mn)	0.2 mg/m^3 TWA (as Mn)	30-45
Potassium Hydroxide (CAS# 1310-58-3)	None established	2 mg/m^3 Ceiling	4-8
Zinc (CAS# 7440-66-6)	15 mg/m^3 TWA PNOR* (total dust) 5 mg/m^3 TWA PNOR* (respirable fraction)	10 mg/m^3 TWA PNOC** (inhalable particulate) 3 mg/m^3 TWA PNOC** (respirable paeticulate)	12-25

* PNOR: Particulates not otherwise regulated
**PNOC: Particulates not otherwise classified

SECTION III - FIRE AND EXPLOSION HAZARD DATA

In case of fire, it is permissible to use any class of extinguishing medium on these batteries or their packing material. Cool exterior of batteries if exposed to fire to prevent rupture.
Fire fighters should wear self-contained breathing apparatus.

SECTION IV - HEALTH HAZARD DATA

Under normal conditions of use, the battery is hermetically sealed.

Ingestion: Swallowing a battery can be harmful.

Contents of an open battery can cause serious chemical burns of mouth, esophagus, and gastrointestinal tract.

If battery or open battery is ingested, do not induce vomiting or give food or drink. Seek medical attention immediately. CALL NATIONAL BATTERY INGESTION HOTLINE for advice and follow-up (202-625-3333) collect day or night.

Inhalation: Contents of an open battery can cause respiratory irritation. Provide fresh air and seek medical attention.

Skin Contact: Contents of an open battery can cause skin irritation and/or chemical burns. Remove contaminated clothing and wash skin with soap and water. If a chemical burn occurs or if irritation persists, seek medical attention.

Eye Contact: Contents of an open battery can cause severe irritation and chemical burns. Immediately flush eyes thoroughly with water for at least 15 minutes, lifting upper and lower lids, until no evidence of the chemical remains. Seek medical attention.

SECTION V - PRECAUTIONS FOR SAFE HANDLING AND USE

Storage: Store in a cool, well ventilated area. Elevated temperatures can result in shortened battery life.

Mechanical Containment: If potting or sealing the battery in an airtight or watertight container is required, consult your Energizer Battery Manufacturing, Inc. representative for precautionary suggestions. Batteries normally evolve hydrogen which, when combined with oxygen from the air, can produce a combustible or explosive mixture unless vented. If such a mixture is present, short circuits, high temperature, or static sparks can cause an ignition.

Do not obstruct safety release vents on batteries. Encapsulation (potting) of batteries will not allow cell venting and can cause high pressure rupture.

Handling: Accidental short circuit for a few seconds will not seriously affect the battery. Prolonged short circuit will cause the battery to lose energy, and can cause the safety release vent to open. Sources of short circuits include jumbled batteries in bulk containers, metal jewelry, metal covered tables or metal belts used for assembly of batteries into devices.

If soldering or welding to the battery is required, consult your Energizer Battery Manufacturing, Inc. representative for proper precautions to prevent seal damage or short circuit.

Charging: This battery is manufactured in a charged state. It is not designed for recharging. Recharging can cause battery leakage or, in some cases, high pressure rupture. Inadvertent charging can occur if a battery is installed backwards.

Labeling: If the Eveready label or package warnings are not visible, it is important to provide a package and/or device label stating:

> **WARNING:** do not install backwards, charge, put in fire, or mix with other battery types. May explode or leak causing injury. **Replace all batteries at the same time.**

Where accidental ingestion of small batteries is possible, the label should include:

> Keep away from small children. If swallowed, promptly see doctor; have doctor phone (202) 625-3333 collect.

Disposal: Dispose in accordance with all applicable federal, state and local regulations. Appropriate disposal technologies include incineration and land filling.

SECTION VI - SPECIAL PROTECTION INFORMATION

Ventilation Requirements: Not necessary under normal conditions.
Respiratory Protection: Not necessary under normal conditions.

Eye Protection: Not necessary under normal conditions. Wear safety glasses with side shields if handling an open or leaking battery.

Gloves: Not necessary under normal conditions. Use neoprene or natural rubber gloves if handling an open or leaking battery.

SECTION VII - REGULATORY INFORMATION

Batteries marketed by Energizer Battery Manufacturing, Inc. have been classified as non-dangerous goods by the US Department of Transportation and the major international regulatory bodies and are therefore not regulated.

SARA/TITLE III - As an article, this battery and its contents are not subject to the requirements of the Emergency Planning and Community Right-To-Know Act.