



## Product Safety Data Sheet

### US Office

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### Canadian Office

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

THE PRODUCT REFERENCED HEREIN IS A CONSUMER PRODUCT AND IS NOT SUBJECT TO THE OSHA HAZARD COMMUNICATION STANDARD MSDS REQUIREMENTS. THIS DOCUMENT IS PROVIDED AS A SERVICE TO OUR CUSTOMERS.

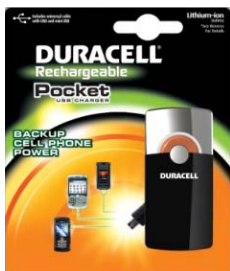


**Product Name:** DURACELL® Rechargeable Powerhouse USB Charger

**Product Identification:** Lithium-ion Battery for Recharge

**Duracell Designation:** PPS3

**Physical Appearance:** Small plastic device, rectangular shape



**Product Name:** DURACELL® Rechargeable Pocket USB Charger

**Product Identification:** Lithium-ion Battery for Recharge

**Duracell Designation:** PPS4

**Physical Appearance:** Small plastic device, rectangular shape,



**Product Name:** DURACELL® Rechargeable Instant USB Charger

**Product Identification:** Lithium-ion Battery for Recharge

**Duracell Designation:** PPS2

**Physical Appearance:** Small plastic device, rectangular shape



**Product Name:** Duracell® Portable Power Supply On-the-Go Charger

**Product Identification:** Lithium-Ion Battery

**Duracell Designation:** PPSOGC

**Physical Appearance:** Small plastic device, rectangular shape

**Emergency Phone Number:** CHEMTREC Emergency Response Hotline 1-800-424-9300 (US & Canada)

## SECTION 2: HAZARDS IDENTIFICATION

**CAUTION:** The lithium-ion battery used in this charging device may present a risk of fire or chemical burn if mistreated. Do not disassemble, expose to heat above 100° C (212° F), or incinerate. Misusing or incorrectly connecting the charging device may cause electric shock to users and damage equipment. Read instructions carefully. The charging device may become warm and may reach 50°C (122°F) under extended high power operation. During operation, keep the charging device away from materials that may be affected by these temperatures.

### **Potential Health Effects:**

The chemicals and metals in this product are contained in a sealed can. Exposure to the contents will not occur unless the battery leaks, is exposed to high temperatures or is mechanically, physically, or electrically abused.

**Eye Contact:** Contact with battery contents may cause severe irritation.

**Skin Contact:** Contact with battery contents may cause irritation.

**Inhalation:** Inhalation of vapors or fumes released due to a large number of leaking batteries may cause respiratory and eye irritation. High concentration may cause central nervous system effects including headache, dizziness and nausea.

**Ingestion:** Swallowing is not anticipated due to battery size. Irritation to the internal/external mouth area, may occur following exposure to a leaking battery.

## SECTION 3: CONSTRUCTION

**The following components are found inside the sealed Li-Ion battery can:**

Component	Chemical Name	CAS Number
Positive Electrode	Lithium Cobalt Oxide	12190-79-3
Negative Electrode	Graphite	7782-42-5
Electrolyte	Organic Solvent	Not available
	Lithium Salt	Not available
	Polyvinylidene Difluoride	24937-79-9

Type Of charger	Capacity of Battery	Watt Hours
Powerhouse	2000 mAh	7.4
Pocket	500 mAh	1.9
Instant	1150 mAh	4.3
PPSOG	1800 mAh	6.7

## SECTION 4: FIRST AID MEASURES

**Eye Contact:** If battery is leaking and material contacts the eye, flush thoroughly with copious amounts of running water for 15 minutes. Seek immediate medical attention.

**Skin Contact:** If battery is leaking and material contacts the skin, remove any contaminated clothing and flush exposed skin with copious amounts of running water. If irritation, injury or pain persists, seek medical attention.

**Inhaled:** If battery is leaking, contents may be irritating to respiratory passages. Move to fresh air. If irritation persists, seek medical attention.

#### SECTION 5: FIRE FIGHTING MEASURES

**Fire and Explosion Hazards:** Batteries may burst and release hazardous decomposition products when exposed to a fire situation.

**Extinguishing Media:** Use dry chemical, alcohol foam, water or carbon dioxide as appropriate for the surrounding fire. For incipient fires, carbon dioxide extinguishers are more effective than water.

**Special Fire Fighting Procedures:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Fight fire from a distance or protected area. Cool fire exposed batteries to prevent rupture. Use caution when handling fire-exposed containers (batteries may explode in heat of fire).

**Hazardous Combustion Products:** Thermal degradation may produce hazardous fumes of lithium; hydrofluoric acid, oxides of carbon and other toxic by-products.

#### SECTION 6: HANDLING AND STORAGE

When used correctly, lithium-ion rechargeable batteries provide a safe and dependable source of portable power. However, if they are misused or abused, this may result in leakage, burns, fire or explosion/disassembly causing personal injury or damage to other devices. Do not disassemble the charging device. There are no user-serviceable parts inside. Incorrect assembly may result in shock or fire hazard. Do not drop or subject the charging device to strong mechanical shock. Do not expose the charging device to moisture, water, rain, snow or spray. Do not insert any object into the parts or openings of the charging device. Do not operate the charging device if it has received a sharp blow, been dropped, or otherwise has been damaged in any way. Do not use or store in environments where the temperature is 40°C/ (104°F) or greater. Keep out of reach of children. To reduce the risk of electric shock, unplug the charging device from any power source before attempting any maintenance or cleaning.

#### SECTION 7: STABILITY AND REACTIVITY

**Stability:** This product is stable.

**Incompatibility/Conditions to Avoid:** Contents are incompatible with strong oxidizing agents and acids. Do not heat, crush, disassemble, or short circuit.

**Hazardous Decomposition Products:** Thermal decomposition may produce hazardous fumes of lithium; hydrofluoric acid, oxides of carbon and other toxic by-products.

**Hazardous Polymerization:** None

#### SECTION 8: DISPOSAL INFORMATION



Do not incinerate except for disposal in a controlled incinerator. Please follow any local requirements to recycle this charging device for used electronic appliances and rechargeable batteries. This product contains recyclable materials and is accepted for recycling by the Rechargeable Battery Recycling Program (RBRC). Please call 1-800-8-Battery for information on recycling your used lithium-ion charger or to go the RBRC website at <http://www.call2recycle.org/> for additional information.

## Section 9: TRANSPORTATION INFORMATION

The transportation of lithium-ion batteries contained in equipment is regulated ADR/RID, IMO, IATA/DGR and US DOT. Small, consumer-type lithium ion batteries sold on the market today are provided an exception from dangerous goods regulations and thus do not require Class 9 labeling, marking, or packaging.

Product must be packed in strong outer packaging and when two or more of these products are shipped together must be labeled with the appropriate lithium-ion battery label. Air shipments of this product are to be made in accordance with Packing Instruction 967 of the IATA/ICAO regulations.

DURACELL certifies this lithium-ion battery charger meets the requirements of the UN Manual of Tests and Criteria, Part III subsection 38.3.

Transportation regulations are subject to change. Shippers should consult the applicable regulations when preparing a shipment.

## SECTION 10: REGULATORY INFORMATION

### United States

**OSHA Status:** While the finished product(s) is considered an article and not covered by the OSHA Hazard Communication Standard, 29 CFR 1910.1200, this PSDS contains valuable information critical to the safe handling and proper use of the product.

**EPA TSCA Status:** All intentionally-added components of this product are listed on the US TSCA Inventory.

**California:** This product has been evaluated and does not require warning labeling under California Proposition 65.

**Canada:** This product is a manufactured article and not subject to notification under CEPA DSL. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR).

## SECTION 11: OTHER INFORMATION

**P&G Hazard Rating:** Health: 0      Fire: 0      Reactivity: 0

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Data supplied is for use only in connection with occupational safety and health.

**DISCLAIMER:** This document is intended to provide a brief summary of our knowledge and guidance regarding the use and handling of this product. The information contained here has been compiled from sources considered by P&G and its affiliates 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 product needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. P&G and its affiliates assume no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.