



DCPC1300 DCPC1604 ZDCPC1500
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 DCPC1500 ZDCPC1300 ZDCPC2400
 Safety Data Sheet ZDCPC1400

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: DURACELL PROCELL PROFESSIONAL ALKALINE BATTERIES

Product Identification: Procell Alkaline Manganese Dioxide Batteries -

Product Use: Energy Source

SDS Date of Preparation: July 1, 2008

Duracell Designations: PC1300; PC1400; PC1500; PC2400; PC903; PC908; PC915; PC926; PC1604; PC9100; PC7K67

Company Identification:

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 (United States of America)

SECTION 2: HAZARDS IDENTIFICATION

Physical Appearance: Batteries, labeled PROCELL®

CAUTION: 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.

EU Classification of Preparation: Not classified as a dangerous preparation.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS Number | EINECS Number | Amount | Classification |
|---------------------------------|-------------------------|------------------------|---------|-----------------|
| Manganese Dioxide | 1313-13-9 | 215-202-6 | 35-40 % | Xn, R20/22 |
| Zinc | 7440-66-6 | 231-175-3 | 10-25 % | N, R50/53 |
| Potassium Hydroxide (35 %) | 1310-58-3 | 215-181-3 | 5-10 % | C, Xn, R22, R35 |
| Graphite (natural or synthetic) | 7782-42-5, 7440-44-0 | 231-955-3 231-153-3 | 1-5 % | None |

SECTION 4: FIRST AID MEASURES

Avoid mechanical or electrical abuse. DO NOT short circuit or install incorrectly. Batteries may explode, pyrolyze or vent if disassembled, crushed, recharged or exposed to high temperatures. Install batteries in accordance with equipment instructions. Do not mix battery systems, such as alkaline and zinc carbon, in the same equipment. Replace all batteries in equipment at the same time. Do not carry batteries loose in a pocket or bag. Do not remove the battery label.

Storage: Store batteries in a dry place at normal room temperature. Do not refrigerate – this will not make them last longer.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

The following occupational exposure limits are provided for informational purposes. No exposure to the battery components should occur during normal consumer use. Refer to specific country regulations for additional exposure limit information.

| Chemical Name | Exposure Limits |
|---------------------|---|
| Manganese Dioxide | 0,5 mg/m ³ TWA UK WEL 0,5 mg/m ³ TWA (inhalable) DFG MAK 0,2 mg/m ³ VL Belgium 0,2 mg/m ³ TWA Denmark LV |
| Zinc | None established for zinc metal |
| Potassium Hydroxide | 2 mg/m ³ STEL UK WEL 2 mg/m ³ VCD Belgium 2 mg/m ³ Ceiling Denmark LV |
| Graphite | 4 mg/m ³ TWA UK WEL (respirable dust) 10 mg/m ³ TWA UK WEL (inhalable dust) 1,5 mg/m ³ TWA DFG MAK (respirable dust) 4 mg/m ³ TWA DFG MAK (inhalable dust) 2 mg/m ³ VL Belgium (respirable dust) |

Ventilation: No special ventilation is needed for normal use.

Respiratory Protection: None required for normal use.

Skin Protection: None required for normal use. Use neoprene, rubber or latex gloves when handling leaking batteries.

Eye Protection: None required for normal use. Wear safety goggles when handling leaking batteries.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Cylindrical battery.

Water Solubility: Insoluble

SECTION 10: STABILITY AND REACTIVITY

Stability: This product is stable.

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

Duracell Procell alkaline batteries are labeled in compliance with the EU Battery Directive 2006/66.

SECTION 14: TRANSPORT INFORMATION

Transportation Information – Products covered by this SDS, in their original form, are considered “dry cell” batteries and are not regulated as “DANGEROUS GOODS” for transportation.

For finished packaged product transported by ground (ADR/RID): – not regulated

For finished packaged product transported by sea (IMDG) – not regulated

For finished packaged product transported by air (IATA): – not regulated

SECTION 15: REGULATORY INFORMATION

EU Classification of Preparation: Not classified as a dangerous preparation.

REACH: These products are manufactured articles and not subject to REACH registration requirements.

EU Labeling: None Required

Labeling is not required because batteries are classified as articles under the both REACH and the Dangerous Preparations Directive and as such are exempt from the requirement for labeling.

SECTION 16: OTHER INFORMATION

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

EU Classes and Risk Phrases for Reference (See Sections 2 and 3)

C Corrosive

N Dangerous for the Environment

Xn Harmful

R20/22 : Harmful by inhalation and if swallowed.

R22 Harmful if swallowed.

R35 Causes severe burns

R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

DISCLAIMER: This SDS 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.

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