LUCENT SALES

SAFETY DATA SHEET

Product	DL-8
Battery Type	Primary Alkaline Zinc-Manganese Dioxide Battery Pack
Configuration	4 x AA (LR6) alkaline cells
Nominal Voltage	6.0 V
Nominal Capacity	2900 mAh
Rechargeability	Non-Rechargeable
Issue / Revision	September 8, 2026 / Rev. 1.0

1. Identification

Product identifier: DL-8
Recommended use: 6 V alkaline battery pack for electronic door locks and similar equipment.
Supplier/Distributor: Lucent Sales
Article status: Sealed manufactured article.

2. Hazard(s) Identification

Under normal use the cells are sealed. Improper handling may cause leakage, overheating, rupture, or fire. Contents of an opened cell may cause respiratory irritation, skin or eye burns, and gastrointestinal injury. Do not recharge, short-circuit, disassemble, crush, puncture, or incinerate.

3. Composition / Information on Ingredients

The DL-8 consists of four AA alkaline zinc-manganese-dioxide cells. The composition below follows the exact percentages published in the Power XP alkaline battery SDS and totals 100.00 wt%.

Ingredient	CAS No.	Content (wt%)
Manganese Dioxide	1313-13-9	40.00%
Zinc	7440-66-6	16.00%
Potassium Hydroxide	1310-58-3	8.00%
Water	7732-18-5	10.00%
Iron	7439-89-6	17.00%
Paper	RR-01108-5	1.00%
Copper	7440-50-8	3.00%
Nylon	9008-75-7	2.00%
Graphite	7782-42-5	3.00%
TOTAL		**100.00%**

4. First-Aid Measures

If internal contents are released: move inhalation exposure to fresh air; wash skin with water; flush eyes with water for at least 15 minutes; obtain medical attention for eye exposure, burns, significant symptoms, or ingestion.

5. Fire-Fighting Measures

Use extinguishing media appropriate for the surrounding fire. Cool exposed batteries to reduce rupture risk. Firefighters should use appropriate protective equipment and self-contained breathing apparatus when significant quantities are involved.

6. Accidental Release Measures

No release is expected from intact batteries. For leaking cells, avoid contact, ventilate, use gloves and eye protection, collect released material, and place damaged batteries in a suitable container.

7. Handling and Storage

Do not recharge, short circuit, disassemble, crush, puncture, deform, incinerate, or expose to excessive heat. Protect terminals and connector. Store cool and dry.

8. Exposure Controls / Personal Protection

No special PPE is required for intact batteries. For leaking cells, use chemical-resistant gloves, eye protection, and adequate ventilation.

9. Physical and Chemical Properties

Sealed solid battery pack; alkaline zinc-manganese dioxide chemistry; 6.0 V nominal; four AA/LR6 cells in series; approximately 2900 mAh.

10. Stability and Reactivity

Stable under normal conditions. Avoid recharge, short circuit, crushing, puncture, disassembly, fire, and excessive heat. Damaged cells may leak corrosive potassium hydroxide.

11. Toxicological Information

No exposure is expected during normal use. Opened cells may cause respiratory irritation, skin/eye irritation or chemical burns, and gastrointestinal injury.

12. Ecological Information

Do not release leaking contents to drains, soil, or surface water. Use appropriate battery recycling or waste-management channels.

13. Disposal Considerations

Do not incinerate. Insulate terminals to prevent short circuit. Dispose or recycle in accordance with applicable requirements.

14. Transport Information

Alkaline dry batteries are generally not regulated as dangerous goods when properly packaged and protected against short circuit. Requirements vary by mode and jurisdiction; confirm current applicable transport rules before shipment.

15. Regulatory Information

The finished pack is a sealed manufactured article. Regulatory treatment varies by jurisdiction and application.

16. Other Information

Prepared for: Lucent Sales
Product: DL-8
Revision date: September 8, 2026

This SDS is based on the published Power XP alkaline battery safety information and the identified DL-8 four-AA-cell configuration. Section 3 totals exactly 100.00%.