

# Lithium hydroxide dangers

This PDF is generated from: <https://voxverse.biz/Wed-26-Aug-2020-1506.html>

Title: Lithium hydroxide dangers

Generated on: 2026-06-24 03:02:08

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It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Handle contaminated packages in the same way as the substance itself.

Lithium hydroxide is mainly consumed in the production of cathode materials for lithium-ion batteries such as lithium cobalt oxide (LiCoO<sub>2</sub>) and lithium iron ...

Causes damage to organs through prolonged or repeated exposure. May be corrosive to metals. Prevention: Keep only in original container. Do not breathe dusts or mists. Wash thoroughly after ...

Skin corrosion/irritation Skin - reconstructed human epidermis (RhE) Result: Corrosive (OECD Test Guideline 435) Remarks: The value is given in analogy to the following substances: Lithium ...

Burning sensation in the throat and chest. Nausea. Vomiting. Shock or collapse. Do not eat, drink, or smoke during work. Rinse mouth. Do NOT induce vomiting. Give one or two glasses of water to drink.

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Wear appropriate ...

Ambient fire may liberate hazardous vapours. Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing ...

Direct exposure can cause severe chemical burns to skin and eyes, while inhalation of dust particles can lead to respiratory tract damage. These safety concerns are particularly ...

Breathing Lithium Hydroxide Monohydrate can irritate the lungs causing coughing and/or shortness of breath. Higher exposures can cause a build-up of fluid in the lungs (pulmonary edema), a medical ...

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