

Lithium Carbonate Safety Data Sheet (SDS)

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Lithium Carbonate

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261 Chemtrec Emergency Phone Number: (800) 424-9933

SECTION 2 — HAZARDS IDENTIFICATION

Hazard class: Acute toxicity, oral (Category 4). Harmful if swallowed (H302). Do not eat, drink or smoke when using this product (P270).

Hazard class: Serious eye damage or irritation (Category 2A). Causes serious eye irritation (H319).

SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS

| CAS Number | Formula | Formula Weight | Concentration |
|------------|---------------------------------|----------------|---------------|
| 554-13-2 | Li ₂ CO ₃ | 73.89 | |
| | | | |

SECTION 4 - FIRST AID MEASURES

Call a POISON CENTER or physician if you feel unwell.

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing (P305+P351+P338). If eye irritation persists eyes: Get medical advice or attention (P337+P313).

If on skin: Rinse with plenty of water.

If swallowed: Rinse mouth. Call a POISON CENTER or physician if you feel unwell (P301+P330+P312).

SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable solid.

When heated to decomposition, may emit toxic fumes. In case of fire: Use a tri-class dry chemical fire extinguisher.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Sweep up the spill, place in a sealed bag or container, and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

SECTION 7 — HANDLING AND STORAGE

Flinn Suggested Chemical Storage Pattern: Inorganic #4. Store with hydroxides, oxides, silicates and carbonates. Store in a cool, dry place.

| Melting point: 735 °C | |
|--------------------------------------|---|
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| Specific gravity: 2.111 | |
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| ORL-RAT LD ₅₀ : 525 mg/kg | |
| IHL-RAT LC ₅₀ : N.A. | |
| SKN-RBT LD ₅₀ : N.A. | |
| | ORL-RAT LD ₅₀ : 525 mg/kg IHL-RAT LC ₅₀ : N.A. |

SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply before proceeding.

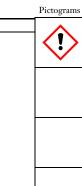
Flinn Suggested Disposal Method #10 is one option.

SECTION 14 - TRANSPORT INFORMATION

Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

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Save SDS to Your Library



NFPA Code

None established



Signal Word

WARNING

SECTION 15 — REGULATORY INFORMATION TSCA-listed, EINECS-listed (209-062-5).

SECTION 16 — OTHER INFORMATION

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N.A. = Not available, not all health aspects of this substance have been fully investigated. N/A = Not applicable

Consult your copy of the Flinn Science Catalog/Reference Manual for additional information about laboratory chemicals.

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