

# FLINN SCIENTIFIC, INC.

## Safety Data Sheet (SDS)

SDS #: 454.00

Revision Date: March 21, 2014

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Lithium Chloride

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

Signal Word **WARNING**

Pictograms



### 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).

Hazard class: Specific target organ toxicity, single exposure; Respiratory tract irritation (Category 3). May cause respiratory irritation (H335). Avoid breathing dust or fumes (P261).

### SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Lithium chloride	7447-41-8	LiCl	42.40	

### SECTION 4 — FIRST AID MEASURES

Call a POISON CENTER or physician if you feel unwell (P312).

**If inhaled:** Remove victim to fresh air in a position comfortable for breathing (P304+P340).

**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:** Get medical advice or attention (P337+P313).

**If on skin:** Wash 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.

**NFPA CODE**  
None  
established

### 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.

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**SECTION 7 — HANDLING AND STORAGE**

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Flinn Suggested Chemical Storage Pattern: Inorganic #2. Store with acetates, halides, sulfates, sulfites, thiosulfates and phosphates. Deliquescent. Store in a cool, dry place within a Flinn Chem-Saf™ bag. Keep container tightly closed (P233). Use only in a hood or well-ventilated area (P271).

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**SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION**

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Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264). Use only in a hood or well-ventilated area (P271).

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**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

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White crystals. Odorless.  
Soluble: Water and alcohol

Boiling point: 1383 °C  
Melting point: 610 °C  
Specific gravity: 2.07

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**SECTION 10 — STABILITY AND REACTIVITY**

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Avoid contact with strong oxidizers and strong acids.  
Shelf life: Fair to poor, deliquescent. See Section 7 for further information.

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**SECTION 11 — TOXICOLOGICAL INFORMATION**

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Acute effects: Irritant.  
Chronic effects: Possible teratogen.  
Target organs: Central nervous system.

ORL-RAT LD<sub>50</sub>: 526 mg/kg  
IHL-RAT LC<sub>50</sub>: N.A.  
SKN-RBT LD<sub>50</sub>: N.A.

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

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**SECTION 12 — ECOLOGICAL INFORMATION**

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Data not yet available.

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**SECTION 13 — DISPOSAL CONSIDERATIONS**

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Please review all federal, state and local regulations that may apply before proceeding.  
Flinn Suggested Disposal Method #26a is one option.

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**SECTION 14 — TRANSPORT INFORMATION**

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

N/A = Not applicable

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**SECTION 15 — REGULATORY INFORMATION**

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TSCA-listed, EINECS-listed (231-212-3).

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**SECTION 16 — OTHER INFORMATION**

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

Revision Date: March 21, 2014

# MCKESSON

This order has been submitted for processing. The status of the items on this order are subject to change.

## Order Acknowledgement 40419639

**Purchase Order:** 116160  
**Order:** 72699868  
**Ordered By:** april hamm  
**Order Status:** Accepted  
**Order Total:** \$6,073.30

**Account #:** 112345  
**Account Name:** SCHOOLCRAFT COLLEGE  
**Create Date:** 8/31/16 2:46:07 PM EDT  
**Confirm Date:** 9/1/16 12:27:33 PM EDT

**Shipping To:**  
117739  
SCHOOLCRAFT COLLEGE  
001 RECEIVING DOCK  
18600 HAGGERTY ROAD  
LIVONIA, MI 48152

## Order Detail

Stock	Item #	Description	Mfg #	UOM	Price	Qty	Total
Stocked	466878	BANDAGE, ADHSV SHR STRP 1X3 (100/BX 24BX/CS)	16-4821	BX	\$2.40	2	\$4.80
Partial B/O	848167	CATH TRAY, FOLEY LUB SIL W/DRN BG 14FR (10/CS)	300414A	CS	\$200.45	4	\$801.80
Partial B/O	297692	SOLUTION SET, CONTINU-FLO 10DPM 106" (48/CS)	2C6541	CS	\$188.08	3	\$564.24
Stocked	285718	SECONDARY SET, INTERLINK LL MED (48/CS)	2C7451	CS	\$85.66	3	\$256.98
Stocked	60594	TISSUE, FACIAL KLEENEX (100/BX 36BX/CS)	21400	CS	\$30.73	1	\$30.73
Limited	543696	CANNULA, NASAL STD FLRD CRVD ADLT 7"TB (50/CS)	86-308E	CS	\$19.97	4	\$79.88
Stocked	344297	CONTAINER, SHARPS 5QT RED(20/CS) 8507	8507SA	CS	\$77.40	1	\$77.40
Stocked	334875	SLIPPER, TERRY RYL BLU XLG ADLT (48PR/CS) MGM40	40-3816	CS	\$60.59	1	\$60.59
Stocked	803185	SPHYG, ANEROID DLX LF RBLU SM ADLT	01-720-10SARBGM	BX	\$24.35	8	\$194.80
Stocked	803187	SPHYG, ANEROID DLX LF BURG LG ADLT (1/BX)	01-720-12XBDGM	BX	\$25.27	8	\$202.16
Stocked	372369	SYRINGE, W/CANNULA 3CC 17G (100/BX)	303346	BX	\$27.36	2	\$54.72
Stocked	651727	CUFF, BP 1TB SM ADLT	REUSE-10-1SC	EA	\$15.88	1	\$15.88
Stocked	409743	GLOVE, EXAM VNYL STRTCH PF MED(100/BX 10BX/C	14-816	CS	\$50.00	18	\$900.00
Stocked	409745	GLOVE, EXAM VNYL STRTCH PF XLG(100/BX 10BX/CS)	14-820	CS	\$50.50	2	\$101.00
Stocked	646098	GLOVE, SURG STR POLYISO LF PF SZ6 (40PR/BX 4BX/CS)	20-2060	CS	\$389.76	1	\$389.76
Stocked	646100	GLOVE, SURG STR POLYISO LF PF SZ7 (40PR/BX 4BX/CS)	20-2070	CS	\$389.76	2	\$779.52
Stocked	646102	GLOVE, SURG STR POLYISO LF PF SZ8 (40PR/BX 4BX/CS)	20-2080	CS	\$389.76	1	\$389.76
Stocked	646103	GLOVE, SURG STR POLYISO LF PF SZ8 1/2 (40PR/BX 4BX	20-2085	CS	\$389.76	2	\$779.52
Stocked	646104	GLOVE, SURG STR POLYISO LF PF SZ9 (40PR/BX 4BX/CS)	20-2090	CS	\$389.76	1	\$389.76

**Total: \$6,073.30**