



**SAFETY DATA SHEET (SDS)**  
OSHA Hazard Communication Standard 29 CFR 1910.1200

**Lo-Chlor Knockdown**

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**1.1 PRODUCT IDENTIFIER**

**Product/Trade Name:** Knockdown (KD009)

**1.2 INTENDED USE OF THE PRODUCT**

Drops swimming pool contaminants to pool floor for removal by vacuum.

**1.3 NAME, ADDRESS AND TELEPHONE OF MANUFACTURER**

Lo-Chlor, LLC  
5841 Powerline Rd., Suite 202  
Fort Lauderdale, FL 33309  
Ph. 800-491-9810  
Fax 954-491-2311  
lo-chlor.com

**1.4 EMERGENCY TELEPHONE NUMBER**

Emergency number: 1-800-424-9300

For chemical emergency, spill, leak, fire, exposure, or accident, call Chemtrec day or night

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**Issue Date:** 06/09/2017

**Product Name:** Knockdown

**CAS Number:** Not Established

**Chemical Family:** Inorganic salt solution blended with organic polymer

**Chemical Formula:** Proprietary

**SECTION 2: HAZARDS IDENTIFICATION**

**Primary Routes(s) Of Entry**

Eye Contact, Skin Contact

**Eye Hazards**

Irritant, moderate eye.

**Skin Hazards**

May cause skin reaction.

**Ingestion Hazards**

May be harmful if swallowed.

**Inhalation Hazards**

May be harmful if inhaled.

**Signs And Symptoms**

Irritant to eyes and skin

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**First Aid (Pictograms)**





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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient Name	CAS Number	Percent Of Total Weight
Aluminum Chlorohydrate	1327-41-9	10-15%
Poly(diallyldimethylammoniumchloride)	26062-79-3	10-15%
Hydrochloric Acid	7647-01-0	25-30%

Ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available in 29CFR 1910.1200(i)(1).

**SECTION 4: FIRST AID MEASURES**

**Eye**

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes.  
Call a physician or a poison control center immediately.

**Skin**

Wash affected areas with soap and water.

**Ingestion**

DO NOT INDUCE VOMITING. Contact a physician or poison control.

**Inhalation**

If inhaled, remove to fresh air.

**Fire Fighting (Pictograms)**



**SECTION 5: FIRE-FIGHTING MEASURES**

Flash Point: N/A °F

Flammability Class: non-flammable

**Fire And Explosion Hazards**

Product may build up pressure and rupture a sealed container

**Extinguishing Media**

Use the appropriate extinguishing media for the surrounding fire. Use water to cool fire-exposed containers.

**Fire Fighting Instructions**

Firefighters should wear self-contained breathing apparatus and full protective gear.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Avoid release to the environment. Neutralize spill area with soda ash or lime.

**SECTION 7: HANDLING AND STORAGE**

**Handling And Storage Precautions**

Keep out of reach of children. Store material in a cool and dry place.

**Storage Precautions**

Avoid contact with Alkalis or Oxidizing agents

**Work/Hygienic Practices**

Use safe chemical handling procedures suitable for the hazards presented by this material.



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**Protective Clothing (Pictograms)**



**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Controls**

Local exhaust acceptable. Special exhaust not required

**Eye/Face Protection**

Safety glasses with side shields or goggles recommended.

**Skin Protection**

Chemical-resistant gloves.

**Respiratory Protection**

None normally required.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

Blue liquid

**Odor**

None

Chemical Type: Mixture

Physical State: Liquid

Melting Point: n/a °F

Boiling Point: 220 °F

Specific Gravity: 1.127-1.135

Molecular Weight: NOT DETERMINED

Percent Volatiles: NOT DETERMINED

Packing Density: NOT DETERMINED

Vapor Pressure: NOT DETERMINED

Vapor Density: NOT DETERMINED

pH Factor: 1-3

Solubility: Soluble in water

Evaporation Rate: NOT DETERMINED

**SECTION 10: STABILITY AND REACTIVITY**

Stability: Stable

Hazardous Polymerization: Will not occur

**Incompatible Materials**

Avoid contact with oxidizers and alkalis

**Hazardous Decomposition Products**

May decompose to Hydrochloric Acid in a fire

**Conditions To Avoid (Polymerization)**

Excessive heat

**SECTION 11: TOXICOLOGICAL INFORMATION**

No Data Available...



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**SECTION 12: ECOLOGICAL INFORMATION**

No Data Available...

**SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose in accordance with applicable federal, state and local government regulations.

**SECTION 14: TRANSPORT INFORMATION**

**Proper Shipping Name**

Corrosive Liquid, n.o.s (Aluminum Chloride)

**Hazard Class**

8, PGIII (<=4L Consumer Commodity ORM-D)

**DOT Identification Number**

UN1760

**SECTION 15: REGULATORY INFORMATION**

No Data Available...

**NFPA**



**HMIS**

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

**SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION**

**Revision/Preparer Information**

Date: 14 June, 2017

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Lo-Chlor LLC