

# MATERIAL SAFETY DATA SHEET

# Lithofin® CIC - CERAMIC INTENSIVE CLEANER

## Section I

Manufactured for:  
VIC INTERNATIONAL CORP.  
231 E. Emory Rd.  
Powell, TN 37849

Telephone Number for Information: 423/947-2882  
**Emergency Telephone Number: 1-800-424-9300**  
Date Prepared: December, 1999 (Revised 6/01)

## Section 2 – Hazardous Ingredients/Identity Information

Sodium hydroxide: CAS NO: 1310-73-2

Potassium hydroxide: CAS NO: 1310-58-3

%: Sodium/Potassium hydroxide <5%

## Section 3 – Physical/Chemical Data

BOILING POINT: >100 °C

SPECIFIC GRAVITY (H<sub>2</sub>O = 1) N/A

pH: > 12

VAPOR PRESSURE (mbar): N/A

% VOLATILE BY VOLUME N/A

VAPOR DENSITY (AIR = 1): 1.07

EVAPORATION RATE (n-butyl acetate = 1) N/A

SOLUBILITY IN WATER: Water soluble

APPEARANCE AND ODOR: Clear yellow liquid, perfumed

## Section 4 – Fire and Explosion Hazard Data

FLASH POINT (METHOD USED):

FLAMMABLE LIMITS:

EXTINGUISHING MEDIA: Substance does not burn.

SPECIAL FIRE FIGHTING PROCEDURES: Substance does not burn.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

## Section 5 – Health Hazard Data

THRESHOLD LIMIT VALUE: Not established

EFFECTS OF OVEREXPOSURE: Causes burns.

**EMERGENCY AND FIRST AID PROCEDURES:** Skin contact: Immediately remove all contaminated clothing. Flush skin thoroughly with water and mild soap. Eye contact: Irrigate immediately and thoroughly with water for at least 15 minutes and seek medical attention.

Inhalation: Remove from exposure to fresh air, in urgent cases seek medical advice. Ingestion: Do not induce vomiting. Give plenty of water to drink. Seek medical advice attention immediately and show container or label to medical professional.

## Section 6 – Reactivity Data

STABILITY:

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (materials to avoid):

HAZARDOUS DECOMPOSITION PRODUCTS: No decomposition under normal use.

HAZARDOUS POLYMERIZATION: N/A

CONDITIONS TO AVOID: N/A

(CONTINUED)

---

### Section 7 – Spill or Leak Procedures

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wash up with water. Large quantities neutralize or can be taken up with a liquid binder. Follow all local, state and federal regulations.

**WASTE DISPOSAL METHOD:** Wash up with water. Observe all Federal, state and local laws concerning health and pollution.

---

### Section 8 – Special Protection Information

**RESPIRATORY PROTECTION:** None should be needed

**VENTILATION:** LOCAL EXHAUST N/A      **MECHANICAL** N/A  
SPECIAL N/A      **OTHER** N/A

**PROTECTIVE GLOVES:** Alkali resistant gloves should be worn      **EYE PROTECTION:** Safety glasses should be worn

**OTHER PROTECTIVE EQUIPMENT:** Wear suitable protective clothing/gloves (alkali resistant)

---

### Section 9 – Special Precautions

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep container tightly closed in a cool, well-ventilated place. When using, do not eat, drink or smoke. Use only in well ventilated areas.

**OTHER PRECAUTIONS:** None

---

### Section 10 – Shipping Information

**Proper Shipping Name:** Caustic alkali liquid, n.o.s.

**Technical Name:** Sodium hydroxide solution

**Hazard Class:** 8      **UN Number:** 1719      **Packing Group:** III

**Hazard Label:** corrosive      **Emergency Response Guide#:**

---

### Section 11 – National Fire Protection Association (NFPA) Ratings

<b>Health:</b>	<b>2</b>	<b>Flammability:</b>	<b>0</b>
<b>Reactivity:</b>	<b>0</b>	<b>Special:</b>	<b>Alk</b>

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.