

OAKITE® CFCVersion 1.2
Revision Date 11/30/2006

Print Date 04/17/2007

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : OAKITE® CFC
 MSDS Number : REL_3463
 Company : OAKITE PRODUCTS INC
 675 Central Avenue
 New Providence, NJ 07974
 Telephone : +18005264473
 Telefax : +19084644658
 Emergency telephone no : CHEMTREC - 800-424-9300

SECTION 2. HAZARDOUS COMPONENTS INFORMATION

Component	CAS-No.	Weight %
Sodium hydroxide	1310-73-2	1.00 - 10.00
Sodium hypochlorite	7681-52-9	1.00 - 5.00
Sodium lauryl sulfate	151-21-3	1.00 - 5.00

Unidentified ingredients are considered not hazardous under Federal Hazard Communication Standard (29CFR 1910.1200).

SECTION 3. HAZARDS IDENTIFICATION**Emergency Overview**

Form : liquid
 Colour : yellow
 Odour : Chlorine.
 Hazard Summary : Causes severe burns. Also harmful by inhalation and if swallowed.

Route(s) of Entry	Inhalation	Skin	Ingestion
	yes	yes	yes

Carcinogenicity:

NTP No substance in this product is listed by NTP as a carcinogen
 IARC No substance in this product is listed by IARC as a carcinogen
 OSHA No substance in this product is regulated by OSHA as a carcinogen

SECTION 4. FIRST AID MEASURES

Inhalation : Move to fresh air. If symptoms persist, call a physician. If

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- breathing is irregular or stopped, administer artificial respiration
- Skin contact : Wash off immediately with plenty of water for at least 15 minutes
Take off contaminated clothing and shoes immediately
Get medical attention immediately if irritation develops and persists
- Eye contact : Rinse immediately with plenty of water for at least 15 minutes
Keep eye wide open while rinsing
Get medical attention immediately
- Ingestion : Rinse mouth
Drink plenty of water.
Never give anything by mouth to an unconscious person
Get medical attention immediately

SECTION 5. FIRE-FIGHTING MEASURES

- Flash point : Note: does not flash
- Lower explosion limit : Note: not applicable
- Upper explosion limit : Note: not applicable
- TDG Flammability Class : NONE
- Suitable extinguishing media : Keep containers and surroundings cool with water spray.
dry chemical
carbon dioxide (CO2)
water spray
- Special protective equipment for fire-fighters : Use personal protective equipment.
Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Methods for cleaning up : Cover with absorbent or contain. Collect and dispose.
Flush with water.
- Additional advice : Never return spills in original containers for re-use.

SECTION 7. HANDLING AND STORAGE

Handling

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Handling : Unscrew closure slowly. Allow all pressure to escape through threads before removing closure

Storage

Requirements for storage areas and containers : Keep containers tightly closed to avoid contamination
Store indoors in a cool, well-ventilated place
Keep away from open flames, hot surfaces and sources of ignition.
Keep out of sun and away from heat.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	ACGIH TLV (TWA)	OSHA PEL (TWA)
Sodium hydroxide	2 mg/m3 ceiling N.D.	2 mg/m3 total particulate N.D.
Sodium hypochlorite	N.D.	N.D.
Sodium lauryl sulfate	N.D.	N.D.

Eye protection : Chemical resistant goggles must be worn.

Hand protection : Neoprene gloves

Skin and body protection : protective suit

Respiratory protection : Respirator is not required when used at recommended concentrations with Foam Generating Equipment and with adequate ventilation.
If the occupational exposure limits cannot be met, suitable respiratory equipment should be worn .

Hygiene measures : Avoid contact with skin, eyes and clothing
Wear suitable gloves and eye/face protection
Wear suitable protective clothing
Wash hands and face before breaks and immediately after handling the product.
Provide adequate ventilation
Do not inhale fumes
Keep away from food and drink

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

pH : 11.5
Note: +/- 0.5

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Melting point/range	: -12 °C (-12 °C)
Boiling point/range	: Note: no data available
Vapour pressure	: Note: no data available
Bulk density	: 9.26 lb/gal
Water solubility	: Note: completely soluble
Partition coefficient (n-octanol/water)	: Note: no data available
Percent of Volatile by Weight excluding water	: 0
Relative density	: 1.11
Evaporation rate	: 1 Note: Water = 1

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	: Avoid letting the product become dry.
Materials to avoid	: acids, ammonia reducing agents organic materials combustible material
Hazardous decomposition products	: May develop chlorine if mixed with acidic solutions.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:	: Mixture; Not Determined.
Acute oral toxicity	
Sodium hydroxide	: LD50, mouse Dose: 2 mg/kg
Sodium hypochlorite	: LD50, rat Dose: 8,910 mg/kg
Sodium lauryl sulfate	: LD50, rat Dose: 1,288 mg/kg

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Acute toxicity (other route)

Sodium hydroxide : LD50, dog, Intravenous
Dose: 45 mg/kg

SECTION 12. ECOLOGICAL INFORMATION

Not Available

SECTION 13. DISPOSAL CONSIDERATIONS

Advice on Disposal : Refer to applicable local, state and federal regulations as well as industry standards.

SECTION 14. TRANSPORT INFORMATION

Refer to Bill of Lading.

SECTION 15. REGULATORY INFORMATION

TSCA Status : All components of this material are on the US TSCA Inventory.

SARA 313 Components : N.D.

CERCLA Reportable Quantity : Sodium hydroxide 1,000 Pounds
: Sodium hypochlorite 100 Pounds

California Prop. 65 : N.D

NFPA : 3 0 0

HMIS : 3 0 0 X

WHMIS : E: Corrosive Material

SECTION 16. OTHER INFORMATION

Further information

Oakite Products, Inc. warrants that the products described herein will conform with its published specifications. The

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