

**FiSan® Gel Clean**

Version 1.5  
Revision Date 11/22/2006

Print Date 01/11/2007

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : FiSan® Gel Clean  
 MSDS Number : REL\_10996  
  
 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
Dipropylene glycol methyl ether	34590-94-8	1.00 - 5.00
Potassium hydroxide	1310-58-3	1.00 - 10.00

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

**SECTION 3. HAZARDS IDENTIFICATION**

**Emergency Overview**

Form : liquid  
 Colour : dark brown  
 Odour : solvent  
 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 : Remove 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.
- Autoignition temperature** : No information available.
- TDG Flammability Class** : NONE
- Suitable extinguishing media** : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- 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**

- Personal precautions** : Material can create slippery conditions.
- Methods for cleaning up** : Cover with absorbent or contain. Collect and dispose. Flush with plenty of water.
- Additional advice** : Never return spills in original containers for re-use.

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**SECTION 7. HANDLING AND STORAGE**

**Handling**

Handling : Add this product to surface of solution slowly to avoid spattering

**Storage**

Requirements for storage areas and containers : Keep containers tightly closed to avoid contamination  
Store indoors in a cool, well-ventilated place

**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.
Dipropylene glycol methyl ether	100 ppm skin N.D.	100 ppm skin N.D.
Potassium hydroxide	2 mg/m3 ceiling N.D.	N.D.

Eye protection : safety glasses with side-shields

Hand protection : impervious gloves

Skin and body protection : chemical resistant apron  
impervious clothing

Respiratory protection : 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 : > 12.5

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Melting point/range	: -6.7 °C (-6.7 °C)
Boiling point/range	: Note: no data available
Vapour pressure	: Note: no data available
Bulk density	: 10.3 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	: 1.24
Evaporation rate	: 1 Note: Water = 1

**SECTION 10. STABILITY AND REACTIVITY**

Conditions to avoid	: freezing
Materials to avoid	: acids,
Hazardous decomposition products	: carbon dioxide (CO <sub>2</sub> ) carbon monoxide oxides of phosphorus

**SECTION 11. TOXICOLOGICAL INFORMATION**

Toxicity:	: Mixture; Not Determined.
<b>Acute oral toxicity</b>	
Sodium hydroxide	: LD50, mouse Dose: 2 mg/kg
Dipropylene glycol methyl ether	: LD50, rat Dose: 5,660 mg/kg
Potassium hydroxide	: LD50, rat Dose: 365 mg/kg
<b>Acute toxicity (other route)</b>	
Sodium hydroxide	: LD50, dog, Intravenous

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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  
: Potassium hydroxide 1,000 Pounds
- California Prop. 65** : N.D
- NFPA** : 3 0 0 Corrosive Alkaline
- HMIS** : 3 0 0 J
- 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 products supplied by Oakite and information related to them are intended for use by buyers having necessary industrial skill and knowledge. Buyers should undertake sufficient verification and testing to determine the suitability of the Oakite materials for their own particular purpose. Since buyer's conditions of use of products are beyond Oakite's control, Oakite does not warrant any recommendations and information for the use of such products. OAKITE DISCLAIMS ALL OTHER WARRANTIES INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR ANY

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PARTICULAR PURPOSE IN CONNECTION WITH THE USE OF ITS PRODUCTS.