

**OAKITE® 84 F**Version 1.1  
Revision Date 09/10/2010

Print Date 02/25/2016

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : OAKITE® 84 F  
 MSDS Number : REL\_0843

Company : Chemetall US, Inc.  
 675 Central Avenue  
 New Providence, NJ 07974

Telephone : +18005264473  
 Telefax : +19084644658  
 MSDS prepared by : Health and Environmental Department  
 Telephone : 908-464-6900  
 Emergency telephone no : CHEMTREC - 800-424-9300  
 Product Use : Cleaning Compound

**SECTION 2. HAZARDOUS COMPONENTS INFORMATION**

Component	CAS-No.	Weight percent
Sodium bisulfate	7681-38-1	60.00 - 100.00
Dodecylbenzene sulfonate, Sodium salt	25155-30-0	1.00 - 5.00

Unidentified ingredients are considered not hazardous under Workplace Hazardous Material Information System (WHMIS).

**SECTION 3. HAZARDS IDENTIFICATION****Emergency Overview**

Form : powder  
 Colour : blue  
 Odour : acrid  
 Hazard Summary : Harmful by inhalation and if swallowed. Causes irritation of eyes and skin.

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.

N.D. - Not Determined

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N.A. - Not Applicable

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**SECTION 4. FIRST AID MEASURES**

- Inhalation : Remove to fresh air. If symptoms persist, call a physician.
- Skin contact : Wash off immediately with plenty of water for at least 15 minutes.If skin irritation persists, call a physician.
- Eye contact : Rinse immediately with plenty of water for at least 15 minutes.Keep eye wide open while rinsing.Seek medical advice.
- Ingestion : Rinse mouth.Drink plenty of water.Get medical attention immediately

**SECTION 5. FIRE-FIGHTING MEASURES**

- Flash point : Note: not applicable
- Lower explosion limit : Note: Not applicable.
- Upper explosion limit : Note: Not applicable.
- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Dry chemical  
Carbon dioxide (CO2)  
Foam  
Water spray
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Ensure adequate ventilation.  
Avoid dust formation.  
Avoid breathing dust.
- Methods for cleaning up : Ventilate area.  
Avoide dust generation  
Sweep up and remove immediately.  
Keep in suitable, closed containers for disposal.  
Flush with plenty of water.

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Additional advice : Never return spills in original containers for re-use.

**SECTION 7. HANDLING AND STORAGE****Handling**

Handling : Add this product to surface of solution slowly to avoid spattering  
Do not add large amounts of product to solution at any one time.  
Use only with adequate ventilation.  
Avoid breathing dust.

**Storage**

Requirements for storage areas and containers : Keep containers dry and tightly closed to avoid moisture absorption and contamination.  
Store indoors in a cool, well-ventilated place  
Protect from direct contact with water or excessive moisture.

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

Component	ACGIH TLV (TWA)
Sodium bisulfate	5 mg/m <sup>3</sup>
Dodecylbenzene sulfonate, Sodium salt	NONE

Eye protection : Safety glasses with side-shields

Hand protection : Impervious gloves

Skin and body protection : Rubber or plastic apron

Respiratory protection : If the occupational exposure limits cannot be met, suitable respirator 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 before breaks and immediately after handling the product.  
Provide adequate ventilation.  
Avoid breathing dust or vapor.  
Keep away from food and drink.

N.D. - Not Determined

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N.A. - Not Applicable

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

pH	:	< 2.5 at 15 g/l>Note: +/- 0.5
Freezing point	:	Note: not applicable
Boiling point/boiling range	:	Note: no data available
Vapour pressure	:	Note: not applicable
Bulk density	:	80.79 lb/ft <sup>3</sup>
Water solubility	:	Note: Appreciable
Partition coefficient: n-octanol/water	:	Note: no data available
Percent of Volatile by Weight excluding water	:	Note: not applicable
Relative density	:	Note: not applicable
Evaporation rate	:	0

**SECTION 10. STABILITY AND REACTIVITY**

Conditions to avoid	:	Exposure to moisture.
Materials to avoid	:	Bases Warning! Do not use together with other products. May release dangerous gases (chlorine).
Hazardous decomposition products	:	Hydrogen, by reaction with metals Sulphur oxides Phosphorus Oxides

**SECTION 11. TOXICOLOGICAL INFORMATION**

Toxicity: Mixture; Not Determined.

**Acute oral toxicity**Dodecylbenzene sulfonate, Sodium salt : LD50, rat  
Dose: 1,260 mg/kg

N.D. - Not Determined

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N.A. - Not Applicable

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**SECTION 12. ECOLOGICAL INFORMATION**

Not Available

**SECTION 13. DISPOSAL CONSIDERATIONS**

Advice on Disposal : Refer to all federal, provincial, state and local regulation prior to disposition of container and unused contents by reuse, recycle or disposal.

**SECTION 14. TRANSPORT INFORMATION**

Refer to Bill of Lading.

**SECTION 15. REGULATORY INFORMATION**

**DSL Status** : All components of this material comply with the CANADA Domestic Substances List (DSL) Inventory requirements.

**NFPA** : 2 0 0 Corrosive

**HMIS** : 2 0 0 J

**WHMIS** : E: Corrosive Material  
D2B: Toxic Material Causing Other Toxic Effects

**SECTION 16. OTHER INFORMATION**

**Further information**

N.D.