

Safety Data Sheet

Oakite 84 M

Revision date : 2018/01/12
Version: 1.0

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(30687388/SDU_GEN_US/EN)

1. Identification

Product identifier used on the label

Oakite 84 M

Recommended use of the chemical and restriction on use

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:
Chemetall U.S., Inc.
675 Central Avenue
New Providence, NJ 07974 – USA

Telephone: +1 800 526-4473
E-mail address: michael.l.chang@basf.com

Emergency telephone number

Telephone: 800-424-9300, 1-703-527-3887

Other means of identification

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	powder
Colour	white
Odour	none
Hazard Summary	Harmful by inhalation and if swallowed. Causes irritation of eyes and skin.

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GHS Classification

Skin corrosion : Category 1A

Serious eye damage : Category 1

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : Causes severe skin burns and eye damage.

Precautionary statements : **Prevention:**
Do not breathe dust or mist.
Wash skin thoroughly after handling.
Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
Wash contaminated clothing before reuse.
Storage:
Store locked up.
Disposal:
Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects

Inhalation : yes

Skin : yes

Ingestion : yes

Aggravated Medical Condition : None known.

Carcinogenicity:

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

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- OSHA** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
- NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture :

Hazardous components

Component	CAS-No.	Weight percent
Sodium bisulfate	7681-38-1	70 - 90
Citric acid	77-92-9	5 - 10
Trade Secret Registry	735517-5014P	1 - 5

Unidentified ingredients are considered not hazardous, or not required to be listed under Federal Hazard Communication Standard (29CFR 1910.1200).

Specific chemical identity of composition has been withheld as a trade secret.

Exact percentage of composition has been withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

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

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation.
Avoid dust formation.
- Methods and materials for containment and cleaning up : Ventilate area.
Avoid dust generation
Sweep up and remove immediately.
Keep in suitable, closed containers for disposal.
- Additional advice : Never return spills in original containers for re-use.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Use with adequate ventilation.
Avoid breathing dust.
- Conditions for safe storage : 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

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
In case of insufficient ventilation wear suitable respiratory equipment.
- Hand protection
Remarks : Impervious gloves
- Eye protection : Safety glasses
- Skin and body protection : Rubber or plastic apron
- 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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	: powder
Colour	: white
Odour	: none
pH	: 1.5, Concentration: 15.00000 g/l
Melting point/range	: No data available
Boiling point/boiling range	: No data available
Flash point	: does not flash
Evaporation rate	: GLP: No information available.
Upper explosion limit	: Not applicable.
Lower explosion limit	: Not applicable.
Vapour pressure	: No data available
Relative density	: Not applicable
Bulk density	: 74.8 lb/ft ³
Solubility(ies)	
Water solubility	: 75.00000 g/l (21 °C)
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity, dynamic	: No data available

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	: Exposure to moisture
Incompatible materials	: Bases Warning! Do not use together with other products. May release dangerous gases (chlorine).
Hazardous decomposition products	: Carbon dioxide (CO ₂) Carbon monoxide Hydrogen, by reaction with metals Sulphur oxides Oxides of phosphorus

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

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Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000.000000 mg/kg
Method: Calculation method

Components:

Citric acid:

Acute oral toxicity : LD50 Mouse: 5,040.000000 mg/kg

LD50 Rat: 3,000.000000 mg/kg

Trade Secret Registry:

Acute oral toxicity : LD50 Rat: 438.000000 mg/kg

LD50 Mouse: 1,330.000000 mg/kg

Skin corrosion/irritation

Components:

Citric acid:

Result: Severe skin irritation

Serious eye damage/eye irritation

Components:

Citric acid:

Result: Corrosive

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration toxicity

No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

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No data available

Bioaccumulative potential

Product:

Partition coefficient: : Remarks: No data available
n-octanol/water

Components:

Citric acid :

Partition coefficient: : log Pow: -1.64 (20 °C)
n-octanol/water

Other adverse effects

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : 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

International Regulations

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

SECTION 15. REGULATORY INFORMATION

TSCA Status : All components of this material comply with US TSCA requirements.

OSHA Hazards : Combustible dust, Toxic by ingestion
WHMIS Classification : D2B: Toxic Material Causing Other Toxic Effects

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Trade Secret Registry	735517-5014P	1,000	47,619

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Massachusetts Right To Know

Disodium phosphate	7558-79-4
Trade Secret Registry	735517-5014P

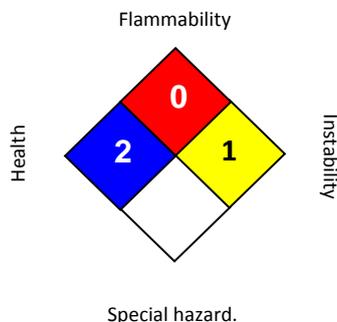
Pennsylvania Right To Know

Sodium bisulfate	7681-38-1
Disodium phosphate	7558-79-4
Citric acid	77-92-9
Trade Secret Registry	735517-5014P

New Jersey Right To Know

Sodium bisulfate	7681-38-1
Disodium phosphate	7558-79-4
Citric acid	77-92-9
Trade Secret Registry	735517-5014P

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	1

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Splash Goggles, Gloves, Apron, Dust and Vapour Respirator

SECTION 16. OTHER INFORMATION

Further information

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Revision Date 01/06/2018

SDS Prepared by:
Chemetall (now part of BASF Group) NA Product Regulations

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The content of this Safety Data Sheet (SDS) is based on an existing document from an acquired company with adaptations to Section I. The data is currently under validation.

END OF DATA SHEET