

received
7/14/15

Chemetall
expect more⁺

Tel. (800) 526-4473 / (908) 464-6900
Fax. (908) 464-7914
www.chemetallUS.com

CDL USA INC
3 LEMNAH DRIVE
SAINT ALBANS, VT
05478

* Pan Acid
Powder cleaner
• EVNSS300
• EVNSS010
• EVNSS250

Dear Customer,

In accordance with the OSHA Hazard Communication Standard 29 CFR 1910.1200 and the Supplier Notification Requirement of the Superfund Amendments and Reauthorization Act (SARA) Title III Section 313 and 40 CFR 372, we have enclosed the latest MSDS for the products you have purchased. The enclosed MSDS supersedes any you may currently have for these products.

This MSDS has been provided for the protection of those individuals who may become exposed to these materials. You are urged to study this information, make it available to your employees and review it with them.

Important Regulatory Update

In May 2012, OSHA updated the current Hazard Communication Standard (HCS 1994) to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS), also known as the Hazard Communication Standard 2012 (HCS 2012).

Starting Q4 2014, Chemetall will launch its live phase-in of the GHS SDS and label format. During this period, you may receive deliveries that are compliant with either the HCS 1994 or HCS 2012.

For more information on Chemetall's HCS 2012 implementation, please contact either your technical sales manager or customer care at 1(877)941-3800. GHS related questions may also be submitted to ghsNA@chemetall.com

Very truly yours,

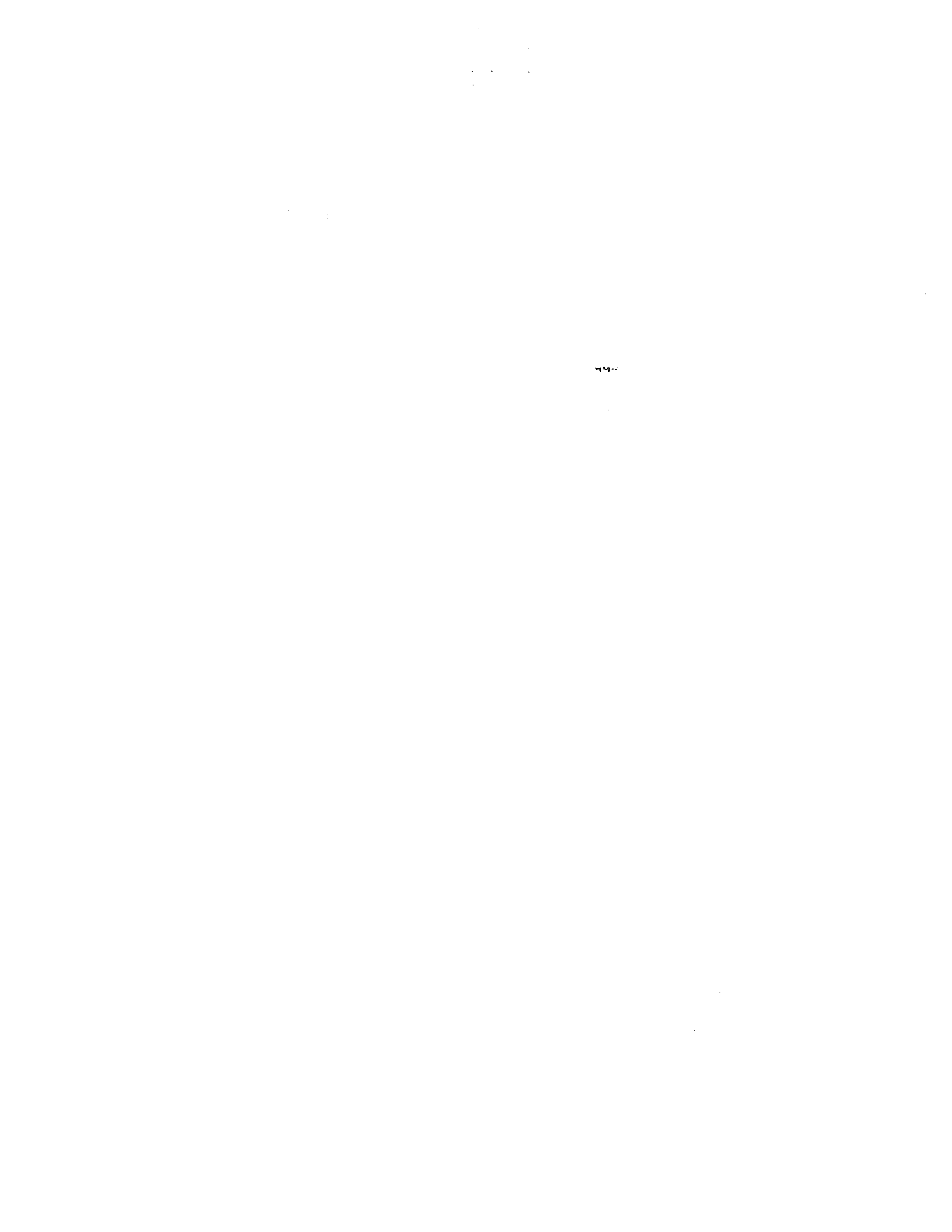


Michael Resh
Director Safety, Health, Environment & Quality

Enclosure

Product name
Oakite





Oakite® 84 M

Version 0.1

Revision Date 05/29/2015

Print Date 07/07/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Oakite® 84 M

Substance number : REL_0845

Chemical usage : Cleaning Compound

Manufacturer or supplier's details

Company : Chemetall US, Inc.

Address : 675 Central Avenue
New Providence NJ 07974

Telephone : (800) 526-4473

Telefax : (908) 464-4658

Emergency telephone no : CHEMTREC - 800-424-9300, 1-703-527-3887 (International)

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.

GHS Classification

Skin corrosion : Category 1A

Serious eye damage : Category 1

GHS Label element

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

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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 or doctor/ physician.

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.

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
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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 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.

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.

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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

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.

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Upper explosion limit	: Not applicable.
Lower explosion limit	: Not applicable.
Vapour pressure	: no data available
Relative density	: not applicable
Bulk density	: 74.8 lb/ft3
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 (CO2) Carbon monoxide Hydrogen, by reaction with metals Sulphur oxides Oxides of phosphorus

SECTION 11. TOXICOLOGICAL INFORMATION
Acute toxicity**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

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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**

no data available

Bioaccumulative potential**Product:**Partition coefficient: n-
octanol/water : Remarks: no data available**Components:****Citric acid :**

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

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

SARA 313 : 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

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Massachusetts Right To Know

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

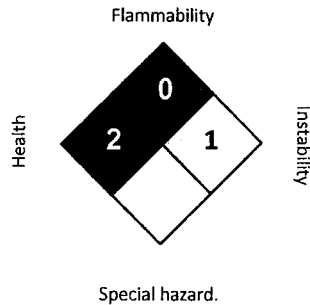
Pennsylvania Right To Know

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

Version 1.0
Revision Date 05/29/2015

Chemetall US, Inc. warrants that the products described herein will conform with its published specifications.

The products supplied by Chemetall 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 Chemetall materials for their own particular purpose. Since buyer's conditions of use of products are beyond Chemetall's control, Chemetall does not warrant any recommendations and information for the use of such products. CHEMETALL DISCLAIMS ALL OTHER WARRANTIES INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH THE USE OF ITS PRODUCTS.