

## GMC ACIDIC TANK CLEANER #42070

Version 1.4  
Revision Date 04/19/2011

Print Date 04/22/2011

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Oakite® 31  
MSDS Number : REL\_0310  
  
Company : Chemetall US, 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 percent
Phosphoric acid	7664-38-2	50.00 - 60.00
Trade Secret Registry	735517-5097P	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 : white  
Odour : pleasant  
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 breathing is irregular or stopped, administer artificial respiration.

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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 1 or 2 glasses 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	:	Dry chemical Carbon dioxide (CO <sub>2</sub> ) Foam Water spray
Special protective equipment for fire-fighters	:	In the event of fire, wear self-contained breathing apparatus.
Further information	:	Use water spray to cool unopened containers.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions	:	Ensure adequate ventilation.
Methods for cleaning up	:	Ventilate area. Wear personal protective equipment. Neutralize with lime milk or soda and flush with plenty of water. Clean up with inert absorbant material. Keep in suitable, closed containers for disposal. 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  
 Unscrew closure slowly. Allow all pressure to escape through threads before removing closure  
 Do not add large amounts of product to solution at any one time.  
 Use only with adequate ventilation.

**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

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

Component	ACGIH TLV (TWA)	OSHA PEL (TWA)
Phosphoric acid	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
Trade Secret Registry	NONE	NONE

Eye protection : Chemical resistant goggles must be worn.  
 Face-shield

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 shall 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.  
 Do not inhale fumes.  
 Keep away from food and drink.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

pH	:	1
Melting point/range	:	-10 °C (14 °F)
Boiling point/boiling range	:	Note: no data available
Vapour pressure	:	Note: no data available
Bulk density	:	11.34 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	:	1.360
Evaporation rate	:	1 Note: Water = 1

## SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	:	Direct sources of heat.
Materials to avoid	:	Bases Warning! Do not use together with other products, which may release dangerous gases (chlorine).
Hazardous decomposition products	:	Oxides of phosphorus

## SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:	:	Mixture; Not Determined.
<b>Acute oral toxicity</b> Phosphoric acid	:	LD50, rat Dose: 1,530 mg/kg

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**SECTION 12. ECOLOGICAL INFORMATION**

No data 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**

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

**SARA 313 Components** : NONE

**CERCLA Reportable Quantity** : Phosphoric acid 5,000 Pounds

**California Prop. 65** : N.D

**NFPA** : 3 0 0 Corrosive Acid

**HMIS** : 3 0 0 J

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

**SECTION 16. OTHER INFORMATION****Further information**

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