



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

POWDER 365 -ONE STEP NO RINSE IP

Revision date: 09/20/2010

Supplier Powder 365

82 Green Acres Circle

Lavonia GA 30553

For non-emergency information contact: 1-877-350-2343

Emergency telephone no

:

CHEMTREC - 800-424-9300

SECTION 2. HAZARDOUS COMPONENTS INFORMATION

Component

CAS-No.

Weight %

Phosphoric acid

7664-38-2

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

:

light yellow

Odour

:

mild

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

OSHA

No substance in this product is regulated by OSHA as a carcinogen

#### SECTION 4. FIRST AID MEASURES

Inhalation

:

Remove person to fresh air. If signs/symptoms continue, get medical attention.

Skin contact

:

Wash off immediately with plenty of water for at least 15

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minutes 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 Seek medical advice.

Ingestion

:

Rinse mouth Drink plenty of water. Obtain medical attention.

#### 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

:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for fire-fighters

:

In the event of fire, wear self-contained breathing apparatus.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up

:

Soak up with inert absorbent material.

lime

soda ash

Flush with plenty of water.

Additional advice

:

Never return spills in original containers for re-use.

#### SECTION 7. HANDLING AND STORAGE

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)

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Phosphoric acid

1 mg/m<sup>3</sup>

N.D.

1 mg/m<sup>3</sup>

N.D.

Eye protection

:

Chemical resistant goggles must be worn.

face-shield

Hand protection

:

impervious gloves

Skin and body protection

:

rubber or plastic apron

Respiratory protection

:

No personal respiratory protective equipment normally required.

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 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

:

4.0

Note: +/- 0.5

Melting point/range

:

-3 °C (-3 °C)

Boiling point/range

:

Note: no data available

Vapour pressure

:

Note: no data available

Bulk density

:

9.5 lb/gal

Water solubility

:

Note: completely soluble

Partition coefficient (n-octanol/water)

:

Note: no data available

Percent of Volatile by Weight excluding water

:

Note: no data available

Relative density

:

1.14

Evaporation rate

:

1

Note: Water = 1

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## SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid

:

freezing

Materials to avoid

:

bases

Hazardous decomposition products

:

oxides of phosphorus

hydrogen, by reaction with metals

## SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:

:

Mixture; Not Determined.

Acute oral toxicity Phosphoric acid

:

LD50, rat

Dose: 1,530 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

:

Phosphoric acid

5,000 Pounds

California Prop. 65

:

N.D

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NFPA

:

2 0 0

HMIS

:

2 0 0 C

:

:

:

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 PARTICULAR PURPOSE IN CONNECTION WITH THE USE OF ITS PRODUCTS.