

Material Safety Data Sheet

VITOXAL 2.0®

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Version Number: 1.0

MSDS Number: 14085

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Common Name: Vitoxal®

Chemical Name: Sodium/Calcium Aluminosilicate (clay)
blended with Acidic Calcium Sulfate

Product Use: Acidifier

Manufacturer: MIONIX CORPORATION
8127 Mesa Dr.
Ste. B 206-273
Austin, Texas 78759
1-877-464-6649 or 916-616-7037

Emergency Number: 1-800-424-9300

2. COMPOSITION /INFORMATION ON INGREDIENTS

Ingredient	Weight in Percent (%)	Notes
Sodium/Calcium Aluminum Silicate	65	None
Acidic Calcium Sulfate	35	None

3. HAZARDOUS IDENTIFICATION

Emergency Overview:

Color:	Dark Gray, Off-Gray
Form:	Solid
Odor:	Slight Sour Odor
Flash Point, °C:	Not Applicable

Most Important Hazards: Prolonged or repeated exposure may cause lung damage. Inhalation may result in respiratory irritation.

Potential Health Effects:

Inhalation:	Causes respiratory tract irritation.
Ingestion:	No adverse health effects are expected from swallowing.
Skin Contact:	May cause mechanical injury.
Eye Contact:	Large amounts of dust may cause mechanical irritation.

Aggravated Medical Conditions: Pulmonary disorders.

4. FIRST AID MEASURES

Inhalation:	Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
Ingestion:	Procedures normally not needed. If large quantities are ingested, seek medical advice.
Skin Contact:	Flush skin with large amounts of water. If irritation persist, get medical attention.
Eye Contact:	In case of contact, immediately flush the eyes with plenty of water for at least fifteen (15) minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point, °C:	Not Applicable
Auto-ignition Temperature, °C:	Not Applicable
Lower Explosive Limit, %:	Not Applicable
Upper Explosive Limit, %:	Not Applicable
Extinguishing Media:	Use extinguishing media appropriate for surrounding fire.
Fire Fighting Procedures:	Positive pressure, self-contained breathing apparatus. Wear full protective clothing.
Unusual Fire and Explosion Hazards:	Not a fire explosion hazard.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures:	Contain spillage. Scoop up or vacuum into a container for reclamation or disposal. Avoid dusting.
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7. HANDLING AND STORAGE

- Keep container closed.
- Store in a dry location away from oxidizers.
- Material may be slippery when wet.
- Practice good housekeeping.
- Avoid generating or breathing dust.
- Avoid contact with the eyes.
- Use only with adequate ventilation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment: Safety glasses with side shields. Wear suitable gloves.

Respiratory Protection: Use a NIOSH/MSHA approved respirator as necessary to protect from dust. If respiratory protection is used, follow all requirements for respiratory programs set forth in OSHA regulations (29 CFR 1910.134).

Ventilation: General ventilation. Local exhaust ventilation is recommended to control exposures.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color: Dark Gray, Off-Gray
Form: Solid
Odor: Slight Sour Odor
Specific Gravity: 60-70 lb/ft³
Solubility (in water): Negligible
pH: Slurry in water >2

10. STABILITY AND REACTIVITY

Stability Data: Stable

Incompatibility (Materials to Avoid): Strong alkaline agents. Strong oxidizing agents.

Hazardous Decomposition Products: None anticipated.

11. TOXICOLOGY

Information on Product: None reported. No data available.

12. TRANSPORTATION INFORMATION

International Transport Regulations:

UN/PIN Number: Not Regulated.

US Transportation Regulations:

DOT Classification: Not Regulated.

13. OTHER INFORMATION

Revision Number: 1.0

Prepared By: Mionix Corporation

The information in the MSDS should be provided to all who could be exposed to this product. The information presented in the MSDS is believed to be reliable and up to date as of the date of publication, but Mionix Corporation makes no warranty that it is.

End of MSDS.