



MATERIAL SAFETY DATA SHEET

Premiere Concrete Admixtures
508 Cedar Street
Pioneer, OH 43554
419-737-9808

24 Hour Emergency Contact
CHEMTREC 800-424-9300

Section I - PRODUCT IDENTITY: *OptiFlo® PLUS*

CAS# Proprietary Mixture

Common Name: Mid Range Water-Reducing Concrete Admixture

Section II - HAZARDOUS INGREDIENTS:

Material:	CAS#	TLV	STEL	PEL	CONTENT
Triethanolamine	102-71-6	None	None	None	< 10%

Section III - PHYSICAL CHARACTERISTICS:

N/Av = Not Available N/Ap = Not Applicable ca. = Approximate

Boiling Point F° (°C): 212 (100)

Freezing Point F° (°C): 32 (0)

VOC (w/w): 0%

Solubility in Water: 100%

Specific Gravity: 1.20 - 1.28

Appearance: Dark brown liquid

pH: 7.0 – 11.0

Odor: Musty

Section IV - FIRE AND EXPLOSION HAZARD DATA:

HMIS Hazard Rating:

0 (Minimal)

Flash Point:

Non-flammable Method: Not Applicable

Auto-Ignition Temperature:

Not Applicable

Limits of Flammability:

LEL: Not Applicable UEL: Not Applicable

Special Fire & Unusual Hazards:

None known

Extinguishing Media: This material does not give a flash point by conventional test methods, use extinguishing agent suitable for type of surrounding fire.

Section V - REACTIVITY DATA:

HMIS Hazard Rating:

0 (Minimal)

Stability:

Stable. Not sensitive to mechanical impact.

Incompatibility:

Strong mineral acids.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products: (After water has evaporated.) Oxides of Carbon, Nitrogen and Sulfur

Section VI - HEALTH HAZARD DATA:

HMIS Hazard Rating:

1 (Slight)

PRIMARY ROUTE OF ENTRY:

Dermal, Eyes

Effects of Overexposure

Inhalation: At room temperature, exposures to vapors are unlikely due to physical properties.

Eyes: May cause slight transient irritation.

Skin Contact: Prolonged or repeated skin contact tends to remove skin oils possibly leading to irritation and dermatitis.

Skin Absorption: Not expected to be absorbed through the skin in sufficient quantities to increase overall toxicity.

Ingestion: Amounts ingested, incidental to industrial handling, are not expected to cause injury.

Chronic: Product does not contain carcinogenic materials as defined by 29 CFR 1910.1200.

Section VII - FIRST AID:

Inhalation: Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration. Seek medical attention.

Eyes: Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

Skin: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

Ingestion: Contact physician or call Poison Control Center immediately. Do **NOT** give anything by mouth to an unconscious person.

Section VIII - SPECIAL PROTECTION INFORMATION:

Ventilation: Ventilation is generally not required.

Personal Protection Equipment: Use chemical goggles/safety glasses with side shields and Rubber/Latex gloves. Selection of specific items such as boots and apron will depend on operation.

Section IX - ENVIRONMENTAL & DISPOSAL INFORMATION:

Action to Take for Spills/Leaks: Wear appropriate protective equipment. Take action to eliminate source of leak; contain spill by diking; vacuum up liquid or use absorbent media; remove to storage for disposal and rinse residual stain with water.

Waste Disposal Method: Dispose in accordance with local, provincial, state and federal regulations

Section X - REGULATORY INFORMATION:

Title III Section 302: No reportable chemicals.

Title III Section 311/312: Health hazard: None Physical hazard: None

Title III Section 313: None above deminimis.

TSCA: All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

State: California: No reportable chemicals

Section XI - TRANSPORTATION INFORMATION:

Shipping Name: NOT REGULATED

Emergency Response Guide Page No.: NOT REGULATED

DOT Reportable Quantity: NO REPORTABLE CHEMICALS

Marine Pollutant: NL

P = Moderate PP = Severe WS = Water Sheen NL = Not Listed ND = Not Determined

Section XII - ADDITIONAL INFORMATION:

Average Shelf Life: 18 months

Special Instructions: Keep from freezing

This information is furnished without warranty, representation, or license of any kind, except that this information is accurate to the best of Premiere Concrete Admixture’s knowledge, or is obtained from sources believed by Premiere Concrete Admixtures to be accurate. No warranty is expressed or implied regarding the accuracy of this information or the results to be obtained from its use thereof. Premiere Concrete Admixtures assumes no responsibility for injuries proximately caused by use of the Material if reasonable safety procedures are not followed as stipulated in this Data Sheet. Additionally, Premiere Concrete Admixtures assumes no responsibility for injuries proximately caused by abnormal use of the Material even if reasonable safety procedures are followed. Buyer assumes the risk in its use of the Material.

Date Prepared: January 1, 2009

Prepared by: Department of Environmental, Health and Safety