



Farzie Shelton, ChE; REM

Associate GM Technical Support

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CERTIFIED MAIL & VIA E-MAIL

March 22, 2011

Ms. Trina Vielhauer, Chief
Bureau of Air Regulation
Florida Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400
ATTN: Mr. Jeff Koerner, P.E.
(submitted via Jeff.Koerner@dep.state.fl.us)

**RE: C.D. McIntosh, Jr. Power Plant – DEP File No. 1050004-023-AV Unit 3
Application of Fuel Additive**

Dear Ms. Vielhauer,

Lakeland Electric is considering the utilization of two fuel additives for use in Unit 3 in order to minimize fouling from deposits formed in the combustion process. The additives being considered are manufactured by General Electric Co. (GE). The first additive is called FUELSOLV FMG2970 and is a water based solution containing copper which promotes crystallization at the surface of the ash thus allowing for increased slag porosity and therefore a more friable ash deposit. The second additive is called FUELSOLV FMG2301 and is a water based solution containing magnesium oxide which alters the fusion temperature of the slag, and when combined with the copper solution, works in tandem to increase the friability of the slag resulting in less slag buildup in the boiler. These two fuel additives will enhance the combustion process, and therefore, will reduce the inefficiency caused by boiler slagging and inefficient heat transfer. The additives under consideration appear to be very similar to magnesium oxide additives which have been used for many years in electric generating units to minimize boiler tube deposits when firing coal and residual oil, such as were allowed for Units 1 and 2 at the same facility.

The planned injection should not have an effect on regulated pollutants on Unit 3, which unlike Units 1 and 2, has an electrostatic precipitator and wet scrubber which increases collection efficiency. The operation is exempt from permitting under Rule 62-210.300(3)(b) F.A.C., meets the requirements of Appendix I of the above stated permit, and constitutes an

insignificant pollutant emitting activity under Rule 62-213.430(6), F.A.C. As noted above, the activity is not subject to any unit specific applicable requirement, no hazardous air pollutants are emitted, and the activity will not exceed any major source thresholds, by itself or in combination with emissions from all other insignificant sources. In addition, this activity does not constitute a modification of any emissions unit at C.D. McIntosh, Jr. Power Plant. Therefore, this notice fulfills the requirements of 62-213.410, F.A.C. *Changes Without Permit Revision*.

Based on this information, Lakeland Electric believes that this operation is exempt from permitting per F.A.C. 62-210.300(3), and has prepared to purchase the above stated fuel additives by March 30, 2011 for initial use in April of 2011. Therefore, if the Department has any concern over the use of the additives, Lakeland Electric requests that the Department states such in writing before March 30. If Lakeland does not hear from the Department within that time, we will consider that the Department does not have any objections with this application. Lakeland Electric appreciates the Department's prompt consideration in this matter.

Lakeland Electric is tentatively planning on adding the fuel additives to its system in April 2011 at the earliest. If the Department has any questions regarding the addition of GE's FUELSOLV FMG2301 and FUELSOLV FMG2970 in Unit 3 or any possibly permit updates required in order to incorporate the additives, please contact me. Additionally we are providing you with a copy of the manufacturer's MSDS for these fuel additives, our Responsible Official certification page, and a Professional Engineer certification page for the project. If you should have any questions please do not hesitate to contact me.

Sincerely,



Farzie Shelton

Enclosure: MSDS sheets; R.O. cert. page (T. Candales); P.E. cert. page (R. Kremann)

cc: Ms. Danielle Henry (sent certified & electronic)	Mr. David McNeal (sent certified & electronic)
Compliance Supervisor	US EPA, Region IV
Air Compliance Section	Air, Pesticides & Toxics Management Division
FL Department of Environmental Protection	Sam Nunn Federal Center
13051 North Telecom Parkway	61 Forsyth Street
Temple Terrace, FL 33637-0926	Atlanta, Georgia 30303-8960

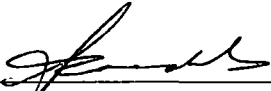
City of Lakeland • Department of Electric Utilities

501 East Lemon Street • Lakeland, FL 33801-5050 • 863. 834.6603 • Fax 863. 834.8187 • Cell 863.430.8297

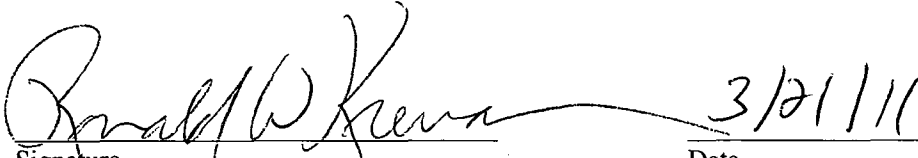
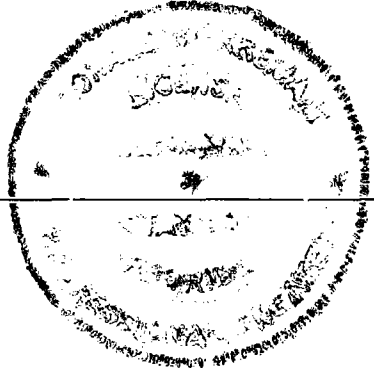
farzie.shelton@lakelandelectric.com

Page 2 of 2

Responsible Official Certification

1. Responsible Official Name : Tony Candales, Assistant General Manager of Production
2. Responsible Official Mailing Address... Organization/Firm: Lakeland Electric Street Address: 501 E. Lemon St. City: Lakeland State: FL Zip Code: 33801-5079
3. Owner/Authorized Representative Telephone Numbers... Telephone: (863) 834-6559 ext. Fax: (863) 834-6362
4. Responsible Official Email Address: TONY.CANDALES@LAKELANDELECTRIC.COM
5. Responsible Official Statement: <i>I, the undersigned, am a responsible official of the Title V source addressed in this submittal. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this submission are true, accurate and complete. The air pollutant emissions units and air pollution control equipment described in this submittal will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof and all other applicable requirements identified in this submittal to which the Title V source is subject. Finally, I certify that the facility and each emissions unit are in compliance with all applicable requirements to which they are subject, except as identified in any compliance plan(s) previously submitted.</i> RE: C.D. McIntosh, Jr. Power Plant – DEP File No. 1050004-023-AV Unit 3 Application of Fuel Additive  Signature _____ Date <u>3/21/11</u>

Professional Engineer Certification

1. Professional Engineer Name: Ronald Kremann Registration Number:
2. Professional Engineer Mailing Address... Organization/Firm: City of Lakeland – Lakeland Electric Street Address: 3030 E. Lake Parker Dr. City: Lakeland State: FL Zip Code: 33805
3. Professional Engineer Telephone Numbers... Telephone: (863) 834-6684 ext. Fax: (863) 834-5670
4. Professional Engineer Email Address: ron.kremann@lakelandelectric.com
5. Professional Engineer Statement: <p><i>I, the undersigned, hereby certify that to the best of my knowledge, based on the information and belief formed after reasonable inquiry, that the statements made and data contained in this document are true, accurate and complete.</i></p> <p>RE: C.D. McIntosh, Jr. Power Plant – DEP File No. 1050004-023-AV Unit 3 Application of Fuel Additive</p> <p> <u>3/21/11</u></p> <p>Signature Date (seal)</p> 

FuelSolv* FMG2970

FuelSolv FMG2970 is designed to reduce slagging in coal and solid fuel fired boilers. Typical problems that may be addressed by application of FMG2970 include:

- Radiant heat-transfer loss from deposition and reflective ash accumulation on the water-walls, nose arch, pendant and platen sections of the boiler.
- Poor combustion from build-up of slag on burner quarks.
- Damage associated with slag falls from pendants and upper furnace areas
- High steam consumption from excessive use of sootblowers.
- Frequent and extended outages for cleaning

Description and Use

FuelSolv FMG2970 is a highly concentrated water-based additive that contains a proprietary metal-based deposit inhibitor. Its primary use is to address slagging in the radiant section of coal and solid fuel fired boilers.

FMG2970 works by promoting crystallization and increasing the viscosity at the surface layer of ash particles. It also increases porosity in the ash and reduces sintering. The net result is less chance for deposit build-up and reduced cohesive strength. When cohesive strength is reduced, the ash becomes more friable and easily removed by sootblowing.

Treatment and Feeding Requirements

Proper treatment levels for FuelSolv FMG2970 depend on many factors such as the type of solid fuel, type of problem and severity, and the design and operating characteristics of the boiler.



Therefore, this product should be used in accordance with control parameters that GE Water & Process Technologies establishes for a specific application.

FuelSolv FMG2970 is usually added to the fuel on the conveyor belt using positive displacement chemical metering pumps. It should be fed in such a way that it is well mixed throughout the fuel. Specific problem areas in a furnace can sometimes be targeted by injecting this product to select coal feeders. The typical feed rate is 30 ml to 225 ml per ton coal. For the FuelSolv FMG2970 dosage for other solid fuels consult your GE representative.

Packaging Information

FuelSolv FMG2970 is available in totes and bulk. Contact your GE representative for details.

Storage and Feeding Tips

- Period mixing of this product is necessary. Increased mixing is recommended during summer months. In addition, totes should be premixed before use.



Find a contact near you by
visiting gewater.com or
e-mailing custhelp@ge.com.

Global Headquarters
Trevose, PA
+1-215-355-3300

Americas
Watertown, MA
+1-617-926-2500

Europe/Middle East/Africa
Heverlee, Belgium
+32-16-40-20-00

Asia/Pacific
Shanghai, China
+86 (0) 411-8366-6489

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AM-FSfcFuelSolvFMG2970_EN.doc Apr-08

- A high viscosity-metering pump rated for up to 1,500 cps is recommended.
- The preferred materials for tubing and piping runs are 304 SS and 316 SS.
- PVC, polyethylene, polypropylene, tygon, viton, and teflon are all acceptable for use with this product. Consult your representative for compatibility of other materials.

Safety Precautions

A Material Safety Data Sheet (MSDS) containing physical properties data and detailed safety information for this product is available by contacting your GE representative.



Material Safety Data Sheet

Issue Date: 24-MAY-2010
Supercedes: 22-JAN-2007

FUELSOLV FMG2970

1 Identification

Identification of substance or preparation
FUELSOLV FMG2970

Product Application Area
Combustion treatment

Company/Undertaking Identification
GE Betz, Inc.
4636 Somerton Road
Trevose, PA 19053
T 215 355-3300, F 215 953 5524

Emergency Telephone
(800) 877-1940

Prepared by Product Stewardship Group: T 215-355-3300 Prepared on: 24-MAY-2010

2 Hazard(s) identification

EMERGENCY OVERVIEW

WARNING

May cause slight irritation to the skin. Severe irritant to the eyes. Mists/aerosols cause irritation to the upper respiratory tract.

DOT hazard is not applicable
Odor: None; Appearance: Dark Green, Dispersion

Fire fighters should wear positive pressure self-contained breathing apparatus(full face-piece type). Proper fire-extinguishing media: dry chemical, carbon dioxide, foam or water

POTENTIAL HEALTH EFFECTS

ACUTE SKIN EFFECTS:

Primary route of exposure; May cause slight irritation to the skin.

ACUTE EYE EFFECTS:

Severe irritant to the eyes.

ACUTE RESPIRATORY EFFECTS:

Mists/aerosols cause irritation to the upper respiratory tract.

INGESTION EFFECTS:

May cause slight gastrointestinal irritation.

TARGET ORGANS:

No evidence of potential chronic effects.

MEDICAL CONDITIONS AGGRAVATED:

Not known.

SYMPTOMS OF EXPOSURE:

May cause redness or itching of skin.

3 Composition / information on ingredients

Information for specific product ingredients as required by the U.S. OSHA HAZARD COMMUNICATION STANDARD is listed. Refer to additional sections of this MSDS for our assessment of the potential hazards of this formulation.

HAZARDOUS INGREDIENTS:

Cas#	Chemical Name	Range (w/w%)
1332-65-6	COPPER CHLORIDE HYDROXIDE Irritant (eyes)	15-40

4 First-aid measures

SKIN CONTACT:

Wash thoroughly with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

EYE CONTACT:

Remove contact lenses. Hold eyelids apart. Immediately flush eyes with plenty of low-pressure water for at least 15 minutes. Get immediate medical attention.

INHALATION:

If nasal, throat or lung irritation develops - remove to fresh air and get medical attention.

INGESTION:

Do not feed anything by mouth to an unconscious or convulsive victim. Do not induce vomiting. Immediately contact physician. Dilute contents of stomach using 2-8 fluid ounces (60-240 mL) of milk or water.

NOTES TO PHYSICIANS:

No special instructions

5 Fire-fighting measures

FIRE FIGHTING INSTRUCTIONS:

Fire fighters should wear positive pressure self-contained breathing apparatus (full face-piece type).

EXTINGUISHING MEDIA:

dry chemical, carbon dioxide, foam or water

HAZARDOUS DECOMPOSITION PRODUCTS:

chlorine

FLASH POINT:

> 213F > 101C P-M(CC)

6 Accidental release measures

PROTECTION AND SPILL CONTAINMENT:

Ventilate area. Use specified protective equipment. Contain and absorb on absorbent material. Place in waste disposal container. Flush area with water. Wet area may be slippery. Spread sand/grit.

DISPOSAL INSTRUCTIONS:

Water contaminated with this product may be sent to a sanitary sewer treatment facility, in accordance with any local agreement, a permitted waste treatment facility or discharged under a permit. Product as is - Incinerate or land dispose in an approved landfill.

7 Handling and storage

HANDLING:

Normal chemical handling.

STORAGE:

Store below 100F (38C). Keep containers closed when not in use. Protect from freezing. Do not store at elevated temperatures. Shelf life 360 days. Do not store in steel containers.

8 Exposure controls / personal protection

EXPOSURE LIMITS**CHEMICAL NAME**

COPPER CHLORIDE HYDROXIDE

PEL (OSHA): NOT DETERMINED

TLV (ACGIH): NOT DETERMINED

ENGINEERING CONTROLS:

Adequate ventilation to maintain air contaminants below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT:

Use protective equipment in accordance with 29CFR 1910 Subpart I

RESPIRATORY PROTECTION:

A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA'S 29 CFR 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE.

USE AIR PURIFYING RESPIRATORS WITHIN USE LIMITATIONS ASSOCIATED WITH THE EQUIPMENT OR ELSE USE SUPPLIED AIR-RESPIRATORS.

If air-purifying respirator use is appropriate, use any of the following particulate respirators: N95, N99, N100, R95, R99, R100, P95, P99 or P100.

SKIN PROTECTION:

rubber, butyl, viton or neoprene gloves -- Wash off after each use. Replace as necessary.

EYE PROTECTION:

airtight chemical goggles

9 Physical and chemical properties

Spec. Grav. (70F, 21C)	1.179	Vapor Pressure (mmHG)	~ 18.0
Freeze Point (F)	20	Vapor Density (air=1)	< 1.00
Freeze Point (C)	-7		
Viscosity (cps 70F, 21C)	1310	% Solubility (water)	< 0.0

Odor	None
Appearance	Dark Green
Physical State	Dispersion
Flash Point	P-M(CC) > 213F > 100C
pH 5% Disp. (approx.)	7.0
Evaporation Rate (Ether=1)	< 1.00
Percent VOC:	0.0

NA = not applicable ND = not determined

10 Stability and reactivity

CHEMICAL STABILITY:

Stable under normal storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

No known hazardous reactions.

INCOMPATIBILITIES:

May react with organics or reducing agents.

DECOMPOSITION PRODUCTS:

chlorine

11 Toxicological information

No Data Available.

12 Ecological information

AQUATIC TOXICOLOGY

No Data Available.

BIODEGRADATION

No Data Available.

13 Disposal considerations

If this undiluted product is discarded as a waste, the US RCRA hazardous waste identification number is :
Not applicable.

Please be advised; however, that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

14 Transport information

Transportation Hazard: Not Applicable
DOT: Not Regulated

DOT EMERGENCY RESPONSE GUIDE #: Not applicable
Note: Some containers may be DOT exempt, please check BOL for exact container classification
IATA: Not Regulated

IMDG: Not Regulated

15 Regulatory information

TSCA:

All components of this product are included on or are in compliance with the U.S. TSCA regulations.

CERCLA AND/OR SARA REPORTABLE QUANTITY (RQ):

No regulated constituent present at OSHA thresholds

NSF Registered and/or meets USDA (according to 1998 Guidelines):

Registration number: Not Registered

SARA SECTION 312 HAZARD CLASS:

Immediate(acute)

SARA SECTION 302 CHEMICALS:

No regulated constituent present at OSHA thresholds

SARA SECTION 313 CHEMICALS:

CAS#	CHEMICAL NAME	RANGE
1332-65-6	COPPER CHLORIDE HYDROXIDE	16.0-20.0%

CALIFORNIA REGULATORY INFORMATION

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):

No regulated constituents present

MICHIGAN REGULATORY INFORMATION

CAS#	CHEMICAL NAME
1332-65-6	COPPER CHLORIDE HYDROXIDE

16 Other information

HMIS VII		CODE TRANSLATION
Health	2	Moderate Hazard
Fire	0	Minimal Hazard
Reactivity	0	Minimal Hazard

Special NONE No special Hazard
(1) Protective Equipment B Goggles, Gloves

(1) refer to section 8 of MSDS for additional protective equipment recommendations.

CHANGE LOG

	EFFECTIVE DATE -----	REVISIONS TO SECTION: -----	SUPERCEDES -----
MSDS status:	22-JAN-2007		** NEW **
	24-MAY-2010	3, 4, 7, 8, 10, 14	22-JAN-2007



Material Safety Data Sheet

Issue Date: 07-JUN-2010
Supercedes:

FUELSOLV FMG2301

1 Identification

Identification of substance or preparation
FUELSOLV FMG2301

Product Application Area
Combustion treatment

Company/Undertaking Identification
GE Betz, Inc.
4636 Somerton Road
Trevose, PA 19053
T 215 355-3300, F 215 953 5524

Emergency Telephone
(800) 877-1940

Prepared by Product Stewardship Group: T 215-355-3300 Prepared on: 07-JUN-2010

2 Hazard(s) identification

EMERGENCY OVERVIEW

CAUTION

May cause slight irritation to the skin. May cause moderate irritation to the eyes. Mists/aerosols may cause irritation to upper respiratory tract.

DOT hazard is not applicable
Odor: Slight; Appearance: White To Off-White, Dispersion

Fire fighters should wear positive pressure self-contained breathing apparatus(full face-piece type). Proper fire-extinguishing media: dry chemical, carbon dioxide, foam or water

POTENTIAL HEALTH EFFECTS

ACUTE SKIN EFFECTS:

Primary route of exposure; May cause slight irritation to the skin.

ACUTE EYE EFFECTS:

May cause moderate irritation to the eyes.

ACUTE RESPIRATORY EFFECTS:

Primary route of exposure;Mists/aerosols may cause irritation to upper respiratory tract.

INGESTION EFFECTS:

May cause slight gastrointestinal irritation with possible nausea, vomiting, abdominal discomfort and diarrhea. Small amounts aspirated during ingestion or vomiting may cause lung injury, possibly leading to death.

TARGET ORGANS:

No evidence of potential chronic effects.

MEDICAL CONDITIONS AGGRAVATED:

Not known.

SYMPTOMS OF EXPOSURE:

May cause redness or itching of skin.

3 Composition / information on ingredients

Information for specific product ingredients as required by the U.S. OSHA HAZARD COMMUNICATION STANDARD is listed. Refer to additional sections of this MSDS for our assessment of the potential hazards of this formulation.

HAZARDOUS INGREDIENTS:

This product is not hazardous as defined by OSHA regulations.

No component is considered to be a carcinogen by the National Toxicology Program, the International Agency for Research on Cancer, or the Occupational Safety and Health Administration at OSHA thresholds for carcinogens.

4 First-aid measures

SKIN CONTACT:

Wash thoroughly with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

EYE CONTACT:

Remove contact lenses. Hold eyelids apart. Immediately flush eyes with plenty of low-pressure water for at least 15 minutes. Get immediate medical attention.

INHALATION:

If nasal, throat or lung irritation develops - remove to fresh air and get medical attention.

INGESTION:

Do not feed anything by mouth to an unconscious or convulsive victim. Do not induce vomiting. Immediately contact physician. Dilute contents of stomach using 2-8 fluid ounces (60-240 mL) of milk or water.

NOTES TO PHYSICIANS:

Aspiration into the lungs will result in chemical pneumonia and may be fatal.

5 Fire-fighting measures

FIRE FIGHTING INSTRUCTIONS:

Fire fighters should wear positive pressure self-contained breathing apparatus (full face-piece type).

EXTINGUISHING MEDIA:

dry chemical, carbon dioxide, foam or water

HAZARDOUS DECOMPOSITION PRODUCTS:

none identified

FLASH POINT:

> 200F > 93C P-M(CC)

6 Accidental release measures

PROTECTION AND SPILL CONTAINMENT:

Ventilate area. Use specified protective equipment. Contain and absorb on absorbent material. Place in waste disposal container. Flush area with water. Wet area may be slippery. Spread sand/grit.

DISPOSAL INSTRUCTIONS:

Water contaminated with this product may be sent to a sanitary sewer treatment facility, in accordance with any local agreement, a permitted waste treatment facility or discharged under a permit. Product as is - Incinerate or land dispose in an approved landfill.

7 Handling and storage

HANDLING:

Normal chemical handling.

STORAGE:

Shelf life = 135 days. Keep containers closed when not in use. Do not freeze. If frozen, thaw and mix completely prior to use. Do not store in aluminum containers.

8 Exposure controls / personal protection

EXPOSURE LIMITS

This product is not hazardous as defined by OSHA regulations.

ENGINEERING CONTROLS:

adequate ventilation

PERSONAL PROTECTIVE EQUIPMENT:

Use protective equipment in accordance with 29CFR 1910 Subpart I

RESPIRATORY PROTECTION:

A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA'S 29 CFR 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE.

USE AIR PURIFYING RESPIRATORS WITHIN USE LIMITATIONS ASSOCIATED WITH THE EQUIPMENT OR ELSE USE SUPPLIED AIR-RESPIRATORS.

If air-purifying respirator use is appropriate, use any of the following particulate respirators: N95, N99, N100, R95, R99, R100, P95, P99 or P100.

SKIN PROTECTION:

butyl, viton or neoprene gloves -- Wash off after each use. Replace as necessary.

EYE PROTECTION:

splash proof chemical goggles

9 Physical and chemical properties

Spec. Grav. (70F, 21C)	1.484	Vapor Pressure (mmHG)	~ 18.0
Freeze Point (F)	~ 30	Vapor Density (air=1)	< 1.00
Freeze Point (C)	~ -1		
Viscosity (cps 70F, 21C)	400	% Solubility (water)	0.0

Odor	Slight
Appearance	White To Off-White
Physical State	Dispersion
Flash Point	P-M(CC) > 200F > 93C
pH 10% Dispersion (approx.)	10.5
Evaporation Rate (Ether=1)	< 1.00
Percent VOC:	0.0

NA = not applicable ND = not determined

10 Stability and reactivity

CHEMICAL STABILITY:

Stable under normal storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

Contact with aluminum may cause a violent reaction releasing heat and hydrogen gas.

INCOMPATIBILITIES:

May react with maleic anhydride and aluminum.

DECOMPOSITION PRODUCTS:

none identified

11 Toxicological information

Oral LD50 RAT: 6520 mg/kg

NOTE - Calculated value

12 Ecological information

AQUATIC TOXICOLOGY

Daphnia magna 48 Hour Static Screen (pH adjusted)

10% Mortality= 5000; No Effect Level= 10 mg/L

Fathead Minnow 96 Hour Static Bioassay with 48-Hour Renewal (pH adjusted)

0% Mortality= 5000 mg/L

BIODEGRADATION

No Data Available.

13 Disposal considerations

If this undiluted product is discarded as a waste, the US RCRA hazardous waste identification number is :
Not applicable.

Please be advised; however, that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

14 Transport information

Transportation Hazard: Not Applicable
DOT: Not Regulated

DOT EMERGENCY RESPONSE GUIDE #: Not applicable
Note: Some containers may be DOT exempt, please check BOL for exact container classification
IATA: Not Regulated

IMDG: Not Regulated

15 Regulatory information

TSCA:

All components of this product are included on or are in compliance with the U.S. TSCA regulations.

CERCLA AND/OR SARA REPORTABLE QUANTITY (RQ):

No regulated constituent present at OSHA thresholds

NSF Registered and/or meets USDA (according to 1998 Guidelines):

Registration number: Not Registered

SARA SECTION 312 HAZARD CLASS:

Product is non-hazardous under Section 311/312

SARA SECTION 302 CHEMICALS:

No regulated constituent present at OSHA thresholds

SARA SECTION 313 CHEMICALS:

No regulated constituent present at OSHA thresholds

CALIFORNIA REGULATORY INFORMATION

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):

No regulated constituents present

MICHIGAN REGULATORY INFORMATION

No regulated constituent present at OSHA thresholds

16 Other information

HMIS VII		CODE TRANSLATION
Health	1	Slight Hazard
Fire	0	Minimal Hazard
Reactivity	0	Minimal Hazard
Special	NONE	No special Hazard
(1) Protective Equipment	B	Goggles, Gloves

(1) refer to section 8 of MSDS for additional protective equipment recommendations.

CHANGE LOG

EFFECTIVE DATE -----	REVISIONS TO SECTION: -----	SUPERCEDES -----
MSDS status: 07-JUN-2010		** NEW **