



Crystal River Nuclear Plant
Docket No. 50-302
Operating License No. DPR-72

Ref: ITS Appendix B

October 18, 2007
3F1007-10

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Subject: Crystal River Unit 3 – Notification of Violation of Crystal River Units 1, 2
and 3 Industrial Wastewater Permit No. FL0000159

Dear Sir:

Pursuant to the Crystal River Unit 3 (CR-3) Operating License, Appendix B – Part II, Environmental Protection Plan (Non-Radiological) Technical Specifications, Section 3.2.1, Florida Power Corporation (FPC), doing business as Progress Energy Florida, Inc., hereby provides a copy of the CR-3 Incident Log Sheet, with attachments, that were provided to the Florida Department of Environmental Protection (FDEP) pertaining to a recent minor release of treated water into the CR-3 discharge canal. No threat to human health or the environment resulted from this release to the discharge canal.

At approximately 1900 on September 21, 2007, an overflow of the Instrument Air Heat Exchanger, IAHE-6B, was noticed trickling into a nearby storm drain at CR-3. The drain was immediately covered and the leaking water was redirected until it could be contained. The apparent cause was a stuck valve causing a water leak at the point where domestic water enters the system. This event has been captured in the CR-3 Corrective Action Program as Nuclear Condition Report 247575.

This letter establishes no regulatory commitments.

If you have any questions regarding this submittal, please contact Ms. Carolyn Johnson at (352) 795-6486, ext 3624.

Sincerely,

M. J. Annacone
Plant General Manager

MJA/ff

Attachments

xc: Regional Administrator, Region II
Senior Resident Inspector
NRR Project Manager

Progress Energy Florida, Inc.
Crystal River Nuclear Plant
15760 W. Powerline Street
Crystal River, FL 34428

IF23
C001
NRR

PROGRESS ENERGY FLORIDA, INC.

CRYSTAL RIVER UNIT 3

**NOTIFICATION OF VIOLATION OF
CRYSTAL RIVER UNITS 1, 2 AND 3 INDUSTRIAL
WASTEWATER PERMIT NO. FL0000159**

ATTACHMENT

CR-3 INCIDENT LOG SHEET

CR3 Incident Log Sheet

Note: This form to be completed for all oil, chemical, or waste water spills/leaks. *If necessary, use back of form for additional comments*

In addition all spills in excess of 1000 gallons must be reported within 24 hours of becoming aware of the spill to the following:

STATE WARNING POINT TOLL FREE NUMBER

1-800-320-0519

EHSS personnel will make this phone call on behalf of the facility.

1. Name of person(s) responding to incident and completing this form.

Carolyn Johnson, Senior Environmental Specialist – CR3/Michael Shrader, Lead Environmental Specialist - PEF

2. Date, time and status (ongoing or ceased) of spill.

9-21-2007 19:00 hours Ceased

3. Estimated amount of discharge and type of product spilled (i.e. oil, fuel, chemicals, domestic/industrial WW – list type).

An overflow of Instrument Air Heater IAHE-6B was noticed trickling to a storm drain. The drain was immediately covered and the water was redirected until it could be contained. The apparent cause was a stuck valve where the domestic water was entering the system. This allowed IAHE-6B to overflow less than 5 gallons of treated water into the nearby storm drain. This water was treated with small amounts of Spectrus NX 1100, Spectrus NX 1103, Dianodic 2140 and Foamtrol AF1440 and the MSDSs are attached below.

4. Location of incident.

CR3 on the berm within the fenced area.

5. Source and cause.

The excess water being added was caused by a stuck valve; therefore, allowing more water than normal to enter IAHE-6B, overflowing, and diluting the existing concentration of chemicals in the treated water. It is expected that due to the length of piping this overflow would have been spread across the surface area and may have evaporated. However, the rain from the day following this overflow may have carried a small portion of this treated water to the discharge canal.

6. Precautionary measures taken (whether the spill was contained and cleanup actions taken or planned).

The drain was immediately covered and the water was redirected until it could be contained.

7. Extent of contamination (brief description of area contaminated - include details if spilled on impervious surface or on grass/gravel areas).

Less than 5 gallons entered the storm drain. It is not certain that any reached the discharge canal.

To be completed by Site Environmental Personnel:

8. Name, Date/Time of EHSS person contacted.

Mike Shrader was contacted on 9/21/2007 at 2030.

9. If incident is reportable, list other persons or agencies contacted – include date and time (i.e. County Health Dept., State Warning Point, National Response Center).

Mike Shrader determined that the spill would be reportable upon verification that spill may have reached the discharge canal due to a subsequent rainfall event. Notification made to Ilia Balcom IWW Compliance Section, SW District, FDEP at 0900 on September 25, 2007.

Agency Contacted:

FDEP State Warning Point:

1-800-320-0519

Report/Log No: N/A – Spill was < 1,000 gal.

Operator Name: _____

Date/Time Called In: _____

CR3 Incident Log Sheet

National Response Center:

1-800-424-8802

Report/Log No: _____

Operator Name: _____

Date/Time Called In: _____



NX-1100.pdf (487 KB)



NX-1103.pdf (193 KB)



Dianodic 2140.pdf (200 KB)



AF 1440.pdf (133 KB)

PROGRESS ENERGY FLORIDA, INC.

CRYSTAL RIVER UNIT 3

**NOTIFICATION OF VIOLATION OF
CRYSTAL RIVER UNITS 1, 2 AND 3 INDUSTRIAL
WASTEWATER PERMIT NO. FL0000159**

ATTACHMENT

MATERIAL SAFETY DATA SHEET – SPECTRUS NX1100

**GE Betz**

GE Betz, Inc.
4636 Somerton Road
Trevose, PA 19053
Business telephone: (215) 355-3300

Material Safety Data Sheet

Issue Date: 14-JUN-2005

EMERGENCY TELEPHONE (Health/Accident): (800) 877-1940

1 PRODUCT IDENTIFICATION

PRODUCT NAME:

SPECTRUS NX1100

PRODUCT APPLICATION AREA:

BIOCIDE

2 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
52-51-7	2-BROMO-2-NITROPROPANE-1,3-DIOL Toxic (by ingestion); irritant (eyes); potential sensitizer (skin)
10377-60-3	MAGNESIUM NITRATE Oxidizer; irritant (eyes and skin)
26172-55-4	5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE Corrosive; toxic (by ingestion and skin absorption); sensitizer (skin)
7786-30-3	MAGNESIUM CHLORIDE Potential irritant

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.

3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER

Corrosive to skin. Skin sensitizer with delayed onset of symptoms.
Corrosive to the eyes. Mists/aerosols cause irritation to the upper respiratory tract.

DOT hazard: Corrosive to skin/steel

Emergency Response Guide #153

Odor: None; Appearance: Colorless To Yellow Green, Liquid

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; Corrosive to skin. Skin sensitizer with delayed onset of symptoms.

ACUTE EYE EFFECTS:

Corrosive to the eyes.

ACUTE RESPIRATORY EFFECTS:

Mists/aerosols cause irritation to the upper respiratory tract.

INGESTION EFFECTS:

May cause severe irritation or burning of the gastrointestinal tract.

TARGET ORGANS:

Prolonged or repeated exposures may cause tissue necrosis and/or skin sensitization.

MEDICAL CONDITIONS AGGRAVATED:

Not known.

SYMPTOMS OF EXPOSURE:

Direct contact with skin will cause severe delayed skin reactions or burns if not washed off immediately- follow first aid instructions.

4 FIRST AID MEASURES

SKIN CONTACT:

URGENT! Wash thoroughly with soap and water. Remove contaminated clothing. Get immediate medical attention. Thoroughly wash clothing before reuse.

EYE CONTACT:

URGENT! Immediately flush eyes with plenty of low-pressure water for at least 20 minutes while removing contact lenses. Hold eyelids

apart. Get immediate medical attention.

INHALATION:

Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get immediate 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 3-4 glasses 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:

Thermal decomposition (destructive fires) yields elemental oxides.

FLASH POINT:

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

MISCELLANEOUS:

Corrosive to skin/steel

UN3265;Emergency Response Guide #153

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. Do not add decontaminant solution to waste drum containing biocide or adsorbent. Decontaminate floor residual with 10% metabisulfite solution. Use 10 volumes of solution to one volume of spill.

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 - Dispose of in approved pesticide facility or according to label instructions.

7 HANDLING & STORAGE

HANDLING:

Contains an oxidizer. Avoid all contact with reducing agents, oils, greases, organics and acids. Corrosive to skin and/or eyes.

STORAGE:

Keep containers closed when not in use. If frozen, thaw completely and mix thoroughly prior to use.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

CHEMICAL NAME

2-BROMO-2-NITROPROPANE-1,3-DIOL

PEL (OSHA): NOT DETERMINED

TLV (ACGIH): NOT DETERMINED

MAGNESIUM NITRATE

PEL (OSHA): NOT DETERMINED

TLV (ACGIH): NOT DETERMINED

5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE

PEL (OSHA): NOT DETERMINED

TLV (ACGIH): NOT DETERMINED

MISC: Note-mfg. sugg. exp. limit:0.1 mg/m3 TWA;0.3mg/m3 STEL total isothiazoline).

MAGNESIUM CHLORIDE

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 a respirator with organic vapor/acid gas cartridges and dust/mist prefilters.

SKIN PROTECTION:

gauntlet-type butyl gloves, chemical resistant apron-- Wash off after each use. Replace as necessary.

EYE PROTECTION:

splash proof chemical goggles, face shield

9 PHYSICAL & CHEMICAL PROPERTIES

Specific Grav. (70F, 21C)	1.107	Vapor Pressure (mmHG)	~ 18.0
Freeze Point (F)	24	Vapor Density (air=1)	< 1.00
Freeze Point (C)	-4		
Viscosity(cps 70F, 21C)	10	% Solubility (water)	100.0
Odor	None		
Appearance	Colorless To Yellow Green		
Physical State	Liquid		
Flash Point	P-M(CC)	> 200F > 93C	
pH As Is (approx.)	3.0		
Evaporation Rate (Ether=1)	< 1.00		

NA = not applicable ND = not determined

10 STABILITY & REACTIVITY

STABILITY:

Stable under normal storage conditions.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

MAY REACT WITH STRONG REDUCING AGENTS.

DECOMPOSITION PRODUCTS:

Thermal decomposition (destructive fires) yields elemental oxides.

INTERNAL PUMPOUT/CLEANOUT CATEGORIES:

"B"

11 TOXICOLOGICAL INFORMATION

Oral LD50 RAT:	1,030 mg/kg
Dermal LD50 RABBIT:	>2,000 mg/kg
Skin Irritation Score RABBIT:	CORROSIVE
Eye Irritation Score RABBIT:	CORROSIVE
Skin Sensitization G.PIG:	NEGATIVE

12 ECOLOGICAL INFORMATION

AQUATIC TOXICOLOGY

Ceriodaphnia 48 Hour Static Renewal Bioassay

LC50= 4.7; No Effect Level= .63 mg/L

Daphnia magna 48 Hour Static Renewal Bioassay

LC50= 5; No Effect Level= 2.5 mg/L

Fathead Minnow 96 Hour Static Renewal Bioassay

LC50= 3.5; No Effect Level= 1.8 mg/L

Mysid Shrimp 48 Hour Static Renewal Bioassay

LC50= 40.5; No Effect Level= 18 mg/L

Sheepshead Minnow 96 Hour Static Renewal Bioassay

LC50= 26.7; No Effect Level= 15.5 mg/L

BIODEGRADATION

BOD-28 (mg/g): 4

BOD-5 (mg/g): 2

COD (mg/g): 78

TOC (mg/g): 29

13 DISPOSAL CONSIDERATIONS

If this undiluted product is discarded as a waste, the US RCRA hazardous waste identification number is :
D002=Corrosive(steel).

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

DOT HAZARD:	Corrosive to skin/steel
UN / NA NUMBER:	UN3265
DOT EMERGENCY RESPONSE GUIDE #:	153

15 REGULATORY INFORMATION

TSCA:

This is an EPA registered biocide and is exempt from TSCA inventory requirements.

CERCLA AND/OR SARA REPORTABLE QUANTITY (RQ):

No regulated constituent present at OSHA thresholds

FIFRA REGISTRATION NUMBER:

3876- 151

FOOD AND DRUG ADMINISTRATION:

21 CFR 176.300 & 176.170 (slimicides and as a preservative)
When used in this specified application, all ingredients comprising this product are authorized by FDA for the manufacture of paper and paperboard that may contact aqueous and fatty foods as per 21 CFR 176.170(a)(4).

USDA FOOD PLANT APPROVALS:

SEC.G5,G7

SARA SECTION 312 HAZARD CLASS:

Immediate(acute);Delayed(Chronic)

SARA SECTION 302 CHEMICALS:

No regulated constituent present at OSHA thresholds

SARA SECTION 313 CHEMICALS:

CAS#	CHEMICAL NAME	RANGE
10377-60-3	MAGNESIUM NITRATE	2.0-5.0%

CALIFORNIA REGULATORY INFORMATION**CALIFORNIA SAFE DRINKING WATER AND TOXIC****ENFORCEMENT ACT (PROPOSITION 65) CHEMICALS PRESENT:**

No regulated constituents present

MICHIGAN REGULATORY INFORMATION

No regulated constituent present at OSHA thresholds

16 OTHER INFORMATION

NFPA/HMIS**CODE TRANSLATION**

Health	3	Serious Hazard
Fire	1	Slight Hazard
Reactivity	0	Minimal Hazard
Special	CORR	DOT corrosive
(1) Protective Equipment	D	Goggles,Face Shield,Gloves,Apron

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

CHANGE LOG

	EFFECTIVE DATE	REVISIONS TO SECTION:	SUPERCEDES
	-----	-----	-----
MSDS status:	24-SEP-1997		** NEW **
	26-FEB-1998	12	24-SEP-1997
	20-MAY-1998	15	26-FEB-1998
	22-MAY-1998	2	20-MAY-1998
	07-JUL-1998	12	22-MAY-1998
	15-DEC-1998	7	07-JUL-1998

01-APR-1999	12	15-DEC-1998
05-NOV-1999	12	01-APR-1999
11-MAY-2001	4	05-NOV-1999
17-JAN-2002	10	11-MAY-2001
12-OCT-2004	15	17-JAN-2002
17-NOV-2004	15	12-OCT-2004
14-JUN-2005	3.9	17-NOV-2004

PROGRESS ENERGY FLORIDA, INC.

CRYSTAL RIVER UNIT 3

**NOTIFICATION OF VIOLATION OF
CRYSTAL RIVER UNITS 1, 2 AND 3 INDUSTRIAL
WASTEWATER PERMIT NO. FL0000159**

ATTACHMENT

MATERIAL SAFETY DATA SHEET – SPECTRUS NX1103



GE Betz

GE Betz, Inc.
4636 Somerton Road
Trevose, PA 19053
Business telephone: (215) 355-3300

Material Safety Data Sheet

Issue Date: 28-APR-2003

EMERGENCY TELEPHONE (Health/Accident): (800) 877-1940

1 PRODUCT IDENTIFICATION

PRODUCT NAME:

SPECTRUS NX1103

PRODUCT APPLICATION AREA:

WATER-BASED MICROBIAL CONTROL AGENT.

2 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
13590-97-1	DODECYLGUANIDINE HYDROCHLORIDE (DGH) Corrosive
6317-18-6	METHYLENE BIS(THIOCYANATE) Corrosive (eyes); toxic (by ingestion); irritant (skin); potential sensitizer (skin)
67-63-0	ISOPROPYL ALCOHOL (IPA) Flammable liquid; chronic overexposure may cause liver and kidney toxicity

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.

3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER

Severe irritant to the skin. Skin sensitizer. Corrosive to the eyes. Vapors, gases, mists and/or aerosols cause irritation to the upper respiratory tract.

DOT hazard: Combustible liquid
Emergency Response Guide #27
Odor: Slight Pungent; Appearance: Yellow, Liquid

Fire fighters should wear positive pressure self-contained breathing apparatus (full face-piece type). Proper fire-extinguishing media: dry chemical/CO2/foam or water--slippery condition; use sand/grit.

POTENTIAL HEALTH EFFECTS

ACUTE SKIN EFFECTS:

Primary route of exposure; Severe irritant to the skin. Skin sensitizer.

ACUTE EYE EFFECTS:

Corrosive to the eyes.

ACUTE RESPIRATORY EFFECTS:

Primary route of exposure; Vapors, gases, mists and/or aerosols cause irritation to the upper respiratory tract.

INGESTION EFFECTS:

May cause severe gastrointestinal irritation.

TARGET ORGANS:

Prolonged or repeated exposures may cause primary irritant dermatitis and/or skin sensitization.

MEDICAL CONDITIONS AGGRAVATED:

Not known.

SYMPTOMS OF EXPOSURE:

Inhalation of vapors/mists/aerosols cause eye, nose, throat and lung irritation. Skin contact may cause redness, itching, dermatitis, or skin sensitization.

4 FIRST AID MEASURES

SKIN CONTACT:

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

EYE CONTACT:

URGENT! Immediately flush eyes with plenty of low-pressure water for at least 20 minutes while removing contact lenses. Hold eyelids apart. Get immediate medical attention.

INHALATION:

Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get immediate 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 3-4 glasses 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/CO2/foam or water--slippery condition; use sand/grit.

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition (destructive fires) yields elemental oxides.

FLASH POINT:

120F 49C SETA(CC)

MISCELLANEOUS:

Combustible liquid

NA1993;Emergency Response Guide #27

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.

Remove ignition sources. Flush area with water. 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 - Dispose of in approved pesticide facility or according to label instructions.

7 HANDLING & STORAGE

HANDLING:

Combustible. Corrosive to skin and/or eyes.

STORAGE:

Keep containers closed when not in use. Keep away from flames or sparks. Bond containers during filling or discharge when performed at temperatures at or above the product flash point.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

CHEMICAL NAME

DODECYLGUANIDINE HYDROCHLORIDE (DGH)

PEL (OSHA): NOT DETERMINED

TLV (ACGIH): NOT DETERMINED

METHYLENE BIS(THIOCYANATE)

PEL (OSHA): NOT DETERMINED

TLV (ACGIH): NOT DETERMINED

ISOPROPYL ALCOHOL (IPA)

PEL (OSHA): 400 PPM(500PPM-STEL)

TLV (ACGIH): 400 PPM(500PPM-STEL)

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 a respirator with organic vapor and HEPA cartridges.

SKIN PROTECTION:

gauntlet-type neoprene gloves, chemical resistant apron--
Wash off after each use. Replace as necessary.

EYE PROTECTION:

splash proof chemical goggles, face shield

9 PHYSICAL & CHEMICAL PROPERTIES

Specific Grav. (70F, 21C)	1.095	Vapor Pressure (mmHG)	24.0
Freeze Point (F)	< -30	Vapor Density (air=1)	> 1.00
Freeze Point (C)	< -34		
Viscosity (cps 70F, 21C)	64	% Solubility (water)	< 1.0
Odor	Slight Pungent		
Appearance	Yellow		
Physical State	Liquid		
Flash Point	SETA(CC)	120F	48C
pH As Is (approx.)	3.2		
Evaporation Rate (Water=1)	< 1.00		

NA = not applicable ND = not determined

10 STABILITY & REACTIVITY

STABILITY:

Stable under normal storage conditions.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

May react with strong oxidizers.

DECOMPOSITION PRODUCTS:

Thermal decomposition (destructive fires) yields elemental oxides.

INTERNAL PUMPOUT/CLEANOUT CATEGORIES:

"B"

11 TOXICOLOGICAL INFORMATION

Oral LD50 RAT:	668 mg/kg
NOTE - Rat oral LD50: 520 mg/kg in an earlier study	
Dermal LD50 RABBIT:	>2,000 mg/kg
NOTE - Rabbit Dermal LD50: >16,000 mg/kg in an earlier study	
Inhalation LC50 RAT:	>2.90 mg/L/hr
NOTE - Maximum achievable concentration	
Skin Irritation Score RABBIT:	4.9
NOTE - Skin Irritation Score: 2.46 in an earlier study	
Eye Irritation Score RABBIT:	102

NOTE - Irreversible; 21 day test, max.ave. score day 2
Skin Sensitization G.PIG: POSITIVE
NOTE - Magnusson & Kligman method

12 ECOLOGICAL INFORMATION

AQUATIC TOXICOLOGY

Bluegill Sunfish 96 Hour Static Acute Bioassay
LC50= 2.7; No Effect Level= 1.5 mg/L
Daphnia magna 48 Hour Static Renewal Bioassay
LC50= .26; No Effect Level= .14 mg/L
Fathead Minnow 96 Hour Static Renewal Bioassay
LC50= 1.1; No Effect Level= .36 mg/L
Rainbow Trout 96 Hour Static Acute Bioassay
LC50= 2.7; No Effect Level= 1.33 mg/L

BIODEGRADATION

BOD-28 (mg/g): 518
BOD-5 (mg/g): 93
COD (mg/g): 1424
TOC (mg/g): 418

13 DISPOSAL CONSIDERATIONS

If this undiluted product is discarded as a waste, the US RCRA hazardous waste identification number is :
D001=Ignitable.

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

DOT HAZARD: Combustible liquid
UN / NA NUMBER: NA1993
DOT EMERGENCY RESPONSE GUIDE #: 27

15 REGULATORY INFORMATION

TSCA:

This is an EPA registered biocide and is exempt from TSCA inventory requirements.

CERCLA AND/OR SARA REPORTABLE QUANTITY (RQ):

No regulated constituent present at OSHA thresholds

FIFRA REGISTRATION NUMBER:

3876- 121

FOOD AND DRUG ADMINISTRATION:

The ingredients in this product are approved by FDA under 21 CFR 176.300.

USDA FEDERALLY INSPECTED MEAT AND POULTRY PLANTS:

SEC.G5,G7

SARA SECTION 312 HAZARD CLASS:

Immediate(acute);Delayed(Chronic);Fire

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) CHEMICALS PRESENT:

No regulated constituent present at OSHA thresholds
MICHIGAN REGULATORY INFORMATION

No regulated constituent present at OSHA thresholds

16 OTHER INFORMATION

NFPA/HMIS		CODE TRANSLATION
Health	3	Serious Hazard
Fire	2	Moderate Hazard
Reactivity	0	Minimal Hazard
Special	NONE	No special Hazard
(1) Protective Equipment	D	Goggles, Face Shield, Gloves, Apron

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

CHANGE LOG

	EFFECTIVE DATE	REVISIONS TO SECTION:	SUPERCEDES
	-----	-----	-----
MSDS status:	03-OCT-1997		** NEW **
	02-DEC-1997	15	03-OCT-1997
	23-DEC-1997	15	02-DEC-1997
	01-JUN-1998	8	23-DEC-1997
	12-JAN-1999	3, 7	01-JUN-1998
	06-APR-1999	1	12-JAN-1999
	22-MAR-2002	4	06-APR-1999
	28-APR-2003	9	22-MAR-2002

PROGRESS ENERGY FLORIDA, INC.

CRYSTAL RIVER UNIT 3

**NOTIFICATION OF VIOLATION OF
CRYSTAL RIVER UNITS 1, 2 AND 3 INDUSTRIAL
WASTEWATER PERMIT NO. FL0000159**

ATTACHMENT

MATERIAL SAFETY DATA SHEET – DIANODIC DN2140



Canadian Centre for Occupational Health and Safety

MSDS Material Safety Data sheets**IDENTIFICATION**

MSDS Record Number: 4403845
Product Name(s): DIANODIC DN2140
Date of MSDS: 2004-06-14
Currency Note: This MSDS was provided to CCOHS on 2005-02-11.

MANUFACTURER/SUPPLIER INFORMATION

Company: GE BETZ CANADA
Address: 3451 Erindale Station Road
Mississauga, Ontario
Canada L5C 2S9
TELEPHONE: 905-279-2222 (Business)
Emergency Telephone No.: 800-877-1940 (HEALTH/ACCIDENT, Canada)

MATERIAL SAFETY DATA

GE BETZ CANADA
MATERIAL SAFETY DATA SHEET
EFFECTIVE DATE: 14-JUN-2004
PRINTED DATE: 15-JAN-2005

1) CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : DIANODIC DN2140
PRODUCT APPLICATION AREA: WATER-BASED CORROSION
INHIBITOR/DEPOSIT CONTROL AGENT.
COMPANY ADDRESS:

GE Betz Canada
3451 Erindale Station Road
Mississauga, Ontario L5C 2S9
Business Telephone: (905) 279-2222

EMERGENCY TELEPHONE (HEALTH/ACCIDENT): 1-800-877-1940 (Canada)

2) COMPOSITION / INFORMATION ON INGREDIENTS

Information for specific product ingredients as required by the WHMIS Regulations 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%)
1310-58-3	POTASSIUM HYDROXIDE (CAUSTIC POTASH)	5-10
	Corrosive; toxic (by ingestion)	
	ORAL LD50-RAT: 273 MG/KG	

DERMAL LD50: NO DATA.
INHL. LC50: NO DATA.
2809-21-4 PHOSPHONIC ACID, (1-HYDROXYETHYLIDINE) BIS- (HEDP) 1-5
Corrosive (eyes)
ORAL LD50-RAT: 2,000 MG/KG
DERMAL LD50-RABBIT: >8,000 MG/KG
INHL. LC50: NO DATA.

No component is considered to be a carcinogen by the U.S. National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or under WHMIS.

PAGE 1

CONTINUED

PRODUCT NAME : DIANODIC DN2140

EFFECTIVE DATE: 14-JUN-2004

3) HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

May cause moderate irritation to the skin. Corrosive to the eyes.
Mists/aerosols may cause irritation to upper respiratory tract.
Odor: Mild; Appearance: Yellow, Liquid
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 moderate irritation to the skin.

ACUTE EYE EFFECTS:

Corrosive to the eyes.

ACUTE RESPIRATORY EFFECTS:

Mists/aerosols may cause irritation to upper respiratory tract.

INGESTION EFFECTS:

May cause gastrointestinal irritation with possible nausea, vomiting, abdominal discomfort and diarrhea.

TARGET ORGANS:

No evidence of potential chronic effects.

MEDICAL CONDITIONS AGGRAVATED:

Not known.

SYMPTOMS OF EXPOSURE:

May cause redness or itching of skin.

PAGE 2

CONTINUED

PRODUCT NAME : DIANODIC DN2140

EFFECTIVE DATE: 14-JUN-2004

4) FIRST AID MEASURES

SKIN CONTACT:

Remove contaminated clothing. Wash exposed area with a large quantity of soap solution or water for 15 minutes.

EYE CONTACT:

Immediately flush eyes with water for 15 minutes. Immediately contact a physician for additional treatment.

INHALATION:

Remove victim from contaminated area to fresh air. Apply appropriate first aid treatment as necessary.

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 3-4 glasses 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:

Thermal decomposition (destructive fires) yields elemental oxides.

FLASH POINT:

> 200F > 93C SETA(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:

The waste characteristics of the absorbed material, or any contaminate soil, should be determined in accordance with provincial regulations. Water contaminated with this product may be sent to a sanitary sewer treatment facility, in accordance with any local agreement or discharged under provincial regulations. Incinerate or land dispose in an approved landfill.

7) HANDLING AND STORAGE

HANDLING:

Alkaline. Corrosive(Eyes). Do not mix with acidic material.

STORAGE:

Keep containers closed when not in use. Do not freeze. If frozen, thaw and mix completely prior to use.

PAGE 3

CONTINUED

PRODUCT NAME : DIANODIC DN2140

EFFECTIVE DATE: 14-JUN-2004

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Consult local authorities for acceptable provincial values.

CHEMICAL NAME

POTASSIUM HYDROXIDE (CAUSTIC POTASH)

PEL (OSHA): 2 MG/M3(CEILING)

TLV (ACGIH): 2 MG/M3(CEILING)

PHOSPHONIC ACID, (1-HYDROXYETHYLIDINE) BIS- (HEDP)

PEL (OSHA): NOT DETERMINED

TLV (ACGIH): NOT DETERMINED

ENGINEERING CONTROLS:

Adequate ventilation to maintain air contaminants below exposure limits.

RESPIRATORY PROTECTION:

If air-purifying respirator use is appropriate, use a respirator with dust/mist filters.

SKIN PROTECTION:

rubber gloves-- Wash off after each use. Replace as necessary.

EYE PROTECTION:

splash proof chemical goggles

9) PHYSICAL AND CHEMICAL PROPERTIES

Specific Grav. (70F, 21C)	1.345	Vapor Pressure (mmHG)	~ 18.0
Freeze Point (F)	10	Vapor Density (air=1)	< 1.00
Freeze Point (C)	-12		
Viscosity (cps 70F, 21C)	26	% Solubility (water)	100.0
Odor	Mild		
Appearance	Yellow		
Physical State	Liquid		
Flash Point	SETA (CC)	> 200F > 93C	
pH As Is (approx.)	12.6		
Evaporation Rate	ND		
NA = not applicable	ND = not determined		

PAGE 4

CONTINUED

PRODUCT NAME : DIANODIC DN2140

EFFECTIVE DATE: 14-JUN-2004

10) STABILITY AND REACTIVITY

STABILITY:

Stable under normal storage conditions.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

May react with strong oxidizers.

DECOMPOSITION PRODUCTS:

Thermal decomposition (destructive fires) yields elemental oxides.

INTERNAL PUMPOUT/CLEANOUT CATEGORIES:

"B"

11) TOXICOLOGICAL INFORMATION

Oral LD50 RAT: >5,000 mg/kg

NOTE - Estimated value

Dermal LD50 RABBIT: >5,000 mg/kg

NOTE - Estimated value

12) ECOLOGICAL INFORMATION

AQUATIC TOXICOLOGY

Daphnia magna 48 Hour Acute Toxicity (Estimated)

LC50= 1880; No Effect Level= 870 mg/L

Fathead Minnow 96 Hour Acute Toxicity (Estimated)

LC50= 2330; No Effect Level= 800 mg/L

BIODEGRADATION

BOD-28 (mg/g): 5

BOD-5 (mg/g): 1

COD (mg/g): 61

TOC (mg/g): 23

13) DISPOSAL CONSIDERATIONS

Incinerate or bury in approved landfill. Please be advised that there may be additional local or provincial requirements relating to the disposal of waste. Consult provincial and local regulations regarding the proper disposal of this material.

14) TRANSPORT INFORMATION

Transportation of Dangerous Goods:

Proper shipping name: Potassium hydroxide solution

PIN: UN1814; Classification 8(9.2); Packing group III

PAGE 5

CONTINUED

PRODUCT NAME : DIANODIC DN2140

EFFECTIVE DATE: 14-JUN-2004

15) REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.
CEPA:

All components of this product comply with substance notification requirements under CEPA.

WHMIS CLASSIFICATION:

D2B E

FOOD AND DRUG ADMINISTRATION:

FDA APPROVED FOR MILL SUPPLY WATER

16) OTHER INFORMATION

NFPA/HMIS

Health	3	Serious Hazard
Fire	1	Slight Hazard
Reactivity	0	Minimal Hazard
Special	ALK	pH above 12.0

(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-MAY-1997		** NEW **
	10-APR-2000		07-MAY-1997
	31-MAY-2001 15		10-APR-2000
	05-JUL-2001 2		31-MAY-2001
	14-JUN-2004 16		05-JUL-2001

PAGE 6

August, 2005 Issue

©2005 Canadian Centre for Occupational Health & Safety
www.ccohs.ca E-mail: clientservice@ccohs.ca Fax: (905) 572-2206 Phone: (905) 572-2981
Mail: 135 Hunter Street East, Hamilton Ontario L8N 1M5

PROGRESS ENERGY FLORIDA, INC.

CRYSTAL RIVER UNIT 3

**NOTIFICATION OF VIOLATION OF
CRYSTAL RIVER UNITS 1, 2 AND 3 INDUSTRIAL
WASTEWATER PERMIT NO. FL0000159**

ATTACHMENT

MATERIAL SAFETY DATA SHEET – FOAMTROL AF1440



GE Betz

GE Betz, Inc.
4636 Somerton Road
Trevose, PA 19053
Business telephone: (215) 355-3300

Material Safety Data Sheet

Issue Date: 06-MAY-2003

EMERGENCY TELEPHONE (Health/Accident): (800) 877-1940

1 PRODUCT IDENTIFICATION

PRODUCT NAME:

FOAMTROL AF1440

PRODUCT APPLICATION AREA:

ANTIFOAM.

2 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

64741-44-2

DISTILLATES, PETROLEUM, STRAIGHT-RUN MIDDLE
similar petroleum oils have been shown to cause
skin tumors in laboratory animals following
lifetime exposure without washing or removal.

3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION

May cause slight irritation to the skin. May cause dermatitis. May cause moderate irritation to the eyes. Moderate, prolonged exposure may cause headache. May cause chemical pneumonitis if aspirated into lungs.

DOT hazard is not applicable

Emergency Response Guide is not applicable

Odor: Hydrocarbon; Appearance: Amber, Liquid

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.
May cause dermatitis.

ACUTE EYE EFFECTS:

May cause moderate irritation to the eyes.

ACUTE RESPIRATORY EFFECTS:

Moderate, prolonged exposure may cause headache. May cause chemical pneumonitis if aspirated into lungs.

INGESTION EFFECTS:

May cause slight gastrointestinal irritation. Small amounts aspirated during ingestion or vomiting may cause lung injury, possibly leading to death.

TARGET ORGANS:

Prolonged or repeated exposures may cause defatting-type dermatitis. Lifetime skin painting studies in mice have produced skin tumors.

MEDICAL CONDITIONS AGGRAVATED:

Not known.

SYMPTOMS OF EXPOSURE:

Prolonged exposure may cause drying and cracking of skin.

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 3-4 glasses milk or water.

NOTES TO PHYSICIANS:

This product contains a hydrocarbon solvent. 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:

Thermal decomposition (destructive fires) yields elemental oxides.

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 & STORAGE

HANDLING:

Vent carefully before opening.

STORAGE:

Keep containers closed when not in use. Store between 90-110F to prevent crystallization. If storage is below 90F, warm and mix prior to use to ensure homogeneity. Store away from oxidizers.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

CHEMICAL NAME

DISTILLATES, PETROLEUM, STRAIGHT-RUN MIDDLE

PEL (OSHA): 5 MG/M3

TLV (ACGIH): 5 MG/M3

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 a respirator with organic vapor cartridges.

SKIN PROTECTION:

neoprene gloves-- Wash off after each use. Replace as necessary.

EYE PROTECTION:

splash proof chemical goggles

9 PHYSICAL & CHEMICAL PROPERTIES

Specific Grav.(70F,21C) 0.867 Vapor Pressure (mmHG) < 1.0

Freeze Point (F) 18 Vapor Density (air=1) > 1.00

Freeze Point (C) -8

Viscosity(cps 70F,21C) 11 % Solubility (water) 0.0

Odor Hydrocarbon

Appearance Amber

Physical State Liquid

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

pH 5% Emulsion (approx.) 5.6

Evaporation Rate (Ether=1) < 1.00

NA = not applicable ND = not determined

10 STABILITY & REACTIVITY

STABILITY:

Stable under normal storage conditions.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

May react with strong oxidizers.

DECOMPOSITION PRODUCTS:

Thermal decomposition (destructive fires) yields elemental oxides.

INTERNAL PUMPOUT/CLEANOUT CATEGORIES:

"B"

11 TOXICOLOGICAL INFORMATION

Oral LD50 RAT: >2,000 mg/kg

NOTE - Estimated value

Dermal LD50 RABBIT: >2,000 mg/kg

12 ECOLOGICAL INFORMATION

AQUATIC TOXICOLOGY

Daphnia magna 48 Hour Static Acute Bioassay

LC50= 98.2; No Effect Level= 37 mg/L

Rainbow Trout 96 Hour Static Acute Bioassay

LC50= 100; No Effect Level= 75 mg/L

BIODEGRADATION

BOD-28 (mg/g): 285

BOD-5 (mg/g): 138

COD (mg/g): 1486

TOC (mg/g): 500

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

DOT HAZARD: Not Applicable

UN / NA NUMBER: Not applicable

DOT EMERGENCY RESPONSE GUIDE #: Not applicable

15 REGULATORY INFORMATION

TSCA:

All components of this product are listed in the TSCA inventory.

CERCLA AND/OR SARA REPORTABLE QUANTITY (RQ):

Treat as oil spill

FOOD AND DRUG ADMINISTRATION:

21 CFR 176.210 (defoaming agents used in the manufacture of paper and paperboard)

When used in this specified application, all ingredients

comprising this product are authorized by FDA for the manufacture of paper and paperboard that may contact aqueous and fatty foods as per 21 CFR 176.170(a)(4).

USDA FEDERALLY INSPECTED MEAT AND POULTRY PLANTS:

SEC.G7,L1

SARA SECTION 312 HAZARD CLASS:

Immediate(acute);Delayed(Chronic)

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) CHEMICALS PRESENT:

No regulated constituent present at OSHA thresholds

MICHIGAN REGULATORY INFORMATION

No regulated constituent present at OSHA thresholds

16 OTHER INFORMATION

NFPA/HMIS

CODE TRANSLATION

Health	1	Slight Hazard
Fire	1	Slight 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: 29-JAN-1997

** NEW **

01-JUL-1997 15

29-JAN-1997

30-APR-1998 ;EDIT:9

01-JUL-1997

09-MAR-2000 15

30-APR-1998

20-SEP-2000 2,15

09-MAR-2000

06-OCT-2000 3,4

20-SEP-2000

06-MAY-2003 4

06-OCT-2000