

***** A. Identification *****

3M Decatur BE Waste Stream No 13-0078-6394-0
EPA Id No:ALD004023164 Plant Code: DCTR Original Date: 06/08/94
Division: Specialty Matl Div-Chemicals Supersedes Date:
Contact: Philip D. Wirey/A. Wallace Effective Date: 06/08/94
Name: Nonregulated Fluorochemical Solution to CGCI Expires Date:
Process: Mfg. Waste
Type: OSHA Regulated

***** B. Composition *****

Cas No	Component Description	% Concentration	Remarks
2051	Fluorochemicals	80.00000 to 90.00000	Hal MKG
2208	Fluorochemical Alcohol	10.00000 to 20.00000	Hal MKG

***** C. Characteristics *****

Physical State: Pourable Liquid(2000-10000 Cp)
Heating Value: < 5,000
Flash Point: N/A pH: N/A

***** D. Classification *****

Ship Name: Waste Nonregulated Fluorochemical Solution to CGCI
Hazard Class: None Generator St No: NONE
DOT Id No: None Destination St No: NONE
EPA No: NONE

***** E. Management Practices *****

Managed Offsite: Incinerate
3M Cottage Grove Center Cottage Grove MN 55016
MNDC006172969

Containers Used:

UN1A2/Y1.2*** 17H 55 GAL. Drum, Metal OH, lined 34-7000-4409-1

***** F. Waste Generation *****

Volumes:	Year Forecast	Actual	Units	Year Forecast	Actual	Units
Continuous	1994	16000	30990 P	1995	0	0 P

Reviewed by: Robert E. Cook



***** A. Identification *****

3M Decatur BE Waste Stream No: 13-0078-6491-4
EPA Id No:ALD004023164 Plant Code: DCTR Original Date: 06/08/94
Division: Specialty Matl Div-Chemicals Supersedes Date:
Contact: Philip D. Wirey Effective Date: 06/08/94
Name: Non-Regulated Fluorochemical Alcohol Bottoms Expires Date:
Process: Fluorochemical Alcohol to Cottage Grove
Type: OSHA Regulated

***** B. Composition *****

Cas No	Component Description	% Concentration	Remarks
1401	Perfluorinated Compounds	80.00000 to 90.00000	Hal MKG
1194	Fluorochemical Tars	2.00000 to 5.00000	Hal MKG
7732185	Water	0.00000 to 5.00000	MKG

***** C. Characteristics *****

Physical State: Pumpable Liquid (<2,000 Cp)
Heating Value: < 5,000
Flash Point: (blank) pH: N/A

***** D. Classification *****

Ship Name: Waste Non-Regulated Fluorochemical Alcohol Bottoms
Hazard Class: None Generator St No: NONE
DOT Id No: None Destination St No: NONE
EPA No: NONE

***** E. Management Practices *****

Managed Offsite: Incinerate
3M Cottage Grove Center Cottage Grove MN 55016
MND006172969

Containers Used:

UN1A2/Y1.2*** 17H 55 GAL. Drum, Metal OH, lined 34-7000-4409-

***** F. Waste Generation *****

Volumes:	Year Forecast	Actual	Units	Year Forecast	Actual	Units
Continuous	1994	0	218005 P	1995	0	0 P

Reviewed by: Robert E. Cook

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***** A. Identification *****

3M Decatur BE Waste Stream No. 13-0078-6588-7
EPA Id No: ALD004023154 Plant Code: DCTR Original Date: 06/08/94
Division: Specialty Matl Div-Chemicals Supersedes Date:
Contact: Philip D. Wirey Effective Date: 06/08/94
Name: Acidic Cell Product Tars (FM4076) to Cottage Expires Date:
GCI
Process: Electrochemical Fluorination
Type: Regulated

***** B. Composition *****

Cas No	Component Description	% Concentration	Remarks
1194	Fluorochemical Tars	70.00000 to 100.00000	Hal MKG
7732185	Water	0.00000 to 30.00000	MKG
7664393	Hydrofluoric Acid	1.00000 to 5.00000	Hal SIG

***** C. Characteristics *****

Physical State: Solid
Heating Value: < 5,000
Flash Point: (blank) pH: Acid

***** D. Classification *****

Ship Name: Waste Corrosive Liquid, N.O.S.
Hazard Class: 8, II Generator St No: NONE
DOT Id No: UN1760 Destination St No: NONE
EPA No: D002

LDR Notification Required

***** E. Management Practices *****

Managed Offsite: Incinerate
3M Cottage Grove Center Cottage Grove MN 55016
MND006172969

Containers Used:

UN1A1/Y1.8*** 17C 55 GAL. Drum, Metal TH 34-7000-4398-6 RQ

***** F. Waste Generation *****

Volumes:	Year Forecast	Actual	Units	Year Forecast	Actual	Units
Continuous	1994	0	115777 P	1995	0	0 P

Reviewed by: Robert E. Cook

***** A. Identification *****

3M Decatur BE Waste Stream No: 13-0078-6685-1
EPA Id No:ALD004023154 Plant Code: DCTR Original Date: 06/08/94
Division: Specialty Matl Div-Chemicals Supersedes Date:
Contact: Philip D. Wirey Effective Date: 06/08/94
Name: Cell Product Bottoms - 50% Fluorides Expires Date:
Process: Product Distillation to Cottage Grove CI
Type: Non-Regulated

***** B. Composition *****

Cas No	Component Description	% Concentration	Remarks
1194	Fluorochemical Tars	70.00000 to 100.00000	Hal MKG
7732185	Water	0.00000 to 30.00000	MFG
3247	Salts	0.00000 to 5.00000	

***** C. Characteristics *****

Physical State: Pumpable Liquid (<2,000 Cp)
Heating Value: < 5,000
Flash Point: N/A pH: N/A

***** D. Classification *****

Ship Name: Waste Cell Product Bottoms - 50% Fluorides
Hazard Class: None Generator St No: NONE
DOT Id No: None Destination St No: NONE
EPA No: NONE

***** E. Management Practices *****

Managed Offsite: Incinerate
3M Cottage Grove Center Cottage Grove MN 55016
MNDC06172969

Containers Used:

UN1A2/Y1.2*** 17H 55 GAL. Drum, Metal OH, lined 34-7000-4409-1

***** F. Waste Generation *****

Volumes:	Year Forecast	Actual	Units	Year Forecast	Actual	Units
Continuous	1994	0	98252 P	1995	0	0 P

Reviewed by: Robert E. Cook

***** A. Identification *****

3M Decatur BE Waste Stream No 13-0084-9960-3
EPA Id No:ALD004023164 Plant Code: DCTR Original Date: 11/08/91
Division: Specialty Matl Div-Chemicals Supersedes Date: 12/03/91
Contact: Philip D. Wirey Effective Date: 10/01/93
Name: Non-Regulated Chemicals With Solids Expires Date:
Process: Misc. Chemical Process Chem Plant
Type: OSHA Regulated

***** B. Composition *****

Cas No	Component Description	% Concentration	Remarks
***	Generator Must Enter Major Hazardous Component(s)	100.00000 to 100.00000	MKG
1036	Rags/Gloves/Bags/Filters/ Mops -etc.	1.00000 to 50.00000	

***** C. Characteristics *****

Physical State: Solid
Heating Value: < 5,000
Flash Point: N/A pH: N/A

***** D. Classification *****

Ship Name: Waste Non-Regulated Chemicals With Solids
Hazard Class: None Generator St No: NONE
DOT Id No: None Destination St No: NONE
EPA No: NONE

***** E. Management Practices *****

Managed Offsite: Incinerate
3M Cottage Grove Center Cottage Grove MN 55016
MND006172969

Containers Used:
UN1A2/Y1.2*** 17H 55 GAL. Drum, Metal OH, lined 34-7000-4409-1

***** F. Waste Generation *****

Volumes:	Year Forecast	Actual	Units	Year Forecast	Actual	Units
Continuous	1992 45000	0	P	1993 45000	116675	P
	1994 45000	58990	P	1995 45000	0	P

Reviewed by: David P. Carlson

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***** A. Identification *****

3M Cordova BE Waste Stream No 13-0017-6004-3
EPA Id No:ILD054236443 Plant Code: CORD Original Date: 07/12/91
Division: Specialty Matl Div-Chemicals Supersedes Date: 07/15/91
Contact: Pat Sheller Effective Date: 10/01/93
Name: D002 UN1760 Non-Pump Special Expires Date:
Process: By Product - Distillation
Type: Regulated

***** B. Composition *****

Case No	Component Description	% Concentration	Remarks
2051	Fluorochemicals	90.00000 to 99.90000	Hal MKG
7664393	Hydrofluoric Acid	0.10000 to 10.00000	Hal SIG

***** C. Characteristics *****

Physical State: Solid
Heating Value: < 5,000
Flash Point: N/A pH: Acid

***** D. Classification *****

Ship Name: Waste Corrosive Liquid, N.O.S.
Hazard Class: 8, II Generator St No: NONE
DOT Id No: UN1760 Destination St No: NONE
EPA No: D002

LDR Notification Required

***** E. Management Practices *****

Managed Offsite: Incinerate
3M Cottage Grove Center Cottage Grove MN 55016
MND006172969

Containers Used:

UN1A2/Y1.2*** 17H 55 GAL. Drum, Metal OH, lined 34-7000-4409-1 RQ
UN1H1*** DOT34 50 GA Drum, Plastic RQ

***** F. Waste Generation *****

Volumes:	Year Forecast	Actual	Units	Year Forecast	Actual	Units
Intermittent	1992 10000	0	G	1993 9255	0	G
	1994 0	0	P			

Reviewed by: David P. Carlson

***** A. Identification *****

3M Cordova BE Waste Stream No: 13-0056-4746-9
EPA Id No:ILD054236443 Plant Code: CORD Original Date: 12/03/93
Division: Specialty Matl Div-Chemicals Supersedes Date: 12/03/93
Contact: Pat Sheller Effective Date: 12/03/93
Name: Fluorochemical Bottoms Expires Date:
Process: Distillation
Type: OSHA Regulated

***** B. Composition *****

Cas No	Component Description	% Concentration	Remarks
1183	Fluorocarbon	10.00000 to 100.00000	Hal MKG
1194	Fluorochemical Tars	0.00000 to 90.00000	Hal MKG

***** C. Characteristics *****

Physical State: Solid
Heating Value: < 5,000
Flash Point: (blank) pH: N/A

***** D. Classification *****

Ship Name: Waste Fluorochemical Bottoms
Hazard Class: None Generator St No: NONE
DOT Id No: None Destination St No: NONE
EPA No: NONE

***** E. Management Practices *****

Managed Offsite: Incinerate
3M Cottage Grove Center Cottage Grove MN 55016
MND006172969

Containers Used:

UN1H1*** DOT34 50 GA Drum, Plastic

***** F. Waste Generation *****

Volumes:	Year Forecast	Actual Units	Year Forecast	Actual Units
Intermittent 1992	60000	0 G	1994	0 2640 P

Reviewed by: David P. Carlson

***** A. Identification *****

3M Cordova BE Waste Stream No 13-0061-9003-0
EPA Id No:ILD054236443 Plant Code: CORD Original Date: 01/07/91
Division: Specialty Matl Div-Chemicals Supersedes Date: 03/08/91
Contact: Pat Sheller Effective Date: 10/01/93
Name: Acidic Fluorinated Wastes Expires Date:
Process: Chemical Manufacture
Type: Regulated

***** B. Composition *****

Cas No	Component Description	% Concentration	Remarks
1194	Fluorochemical Tars	0.00000 to 99.00000	Hal MKG
1036	Rags/Gloves/Bags/Filters/ Mops -etc.	0.00000 to 95.00000	MFG
7732185	Water	0.00000 to 70.00000	MFG
7664393	Hydrofluoric Acid	0.10000 to 1.00000	Hal SIG

***** C. Characteristics *****

Physical State: Solid
Heating Value: < 5.000
Flash Point: >= 140 < 200 Fahrenheit pH: Acid

***** D. Classification *****

Ship Name: Waste Corrosive Liquid, N.O.S.
Hazard Class: 8, II Generator St No: NONE
DOT Id No: UN1760 Destination St No: NONE
EPA No: D002
LDR Notification Required

***** E. Management Practices *****

Managed Offsite: Incinerate
3M Cottage Grove Center Cottage Grove MN 55016
MND006172969

Containers Used:

UN1A2/Y1.2*** 17H 55 GAL. Drum, Metal OH, lined 34-7000-4409-1 RQ

***** F. Waste Generation *****

Volumes:	Year Forecast	Actual Units	Year Forecast	Actual Units
Intermittent 1993	6105	0 G	1994	0 1760 P

Reviewed by: David P. Carlson

***** A. Identification *****

3M Cordova BE Waste Stream No: 13-0062-6278-9
EPA Id No: ILD054236443 Plant Code: CORD Original Date: 07/12/91
Division: Specialty Matl Div-Chemicals Supersedes Date: 07/16/91
Contact: Pat Sheller Effective Date: 10/01/93
Name: D002 UN1760 Regular Non-Pump Halogenated Expires Date:
Acid
Process: Chemical Manufacture
Type: Regulated

***** B. Composition *****

Cas No	Component Description	% Concentration	Remarks
2051	Fluorochemicals	99.00000 to 99.90000	Hal MKG
7664393	Hydrofluoric Acid	0.10000 to 1.00000	Hal SIG

***** C. Characteristics *****

Physical State: Sludge (>10,000 Cp)
Heating Value: < 5,000
Flash Point: >= 140 < 200 Fahrenheit pH: Acid

***** D. Classification *****

Ship Name: Waste Corrosive Liquid, N.O.S.
Hazard Class: 8, II Generator St No: NONE
DOT Id No: UN1760 Destination St No: NONE
EPA No: D002

LDR Notification Required

***** E. Management Practices *****

Managed Offsite: Landfill
USPCI - Lone Mountain Waynoka OK 73860-9622
OKD065438376

Containers Used:

UN1A2/Y1.2*** 17H 55 GAL. Drum, Metal OH, lined 34-7000-4409-1 RQ

***** F. Waste Generation *****

Volumes:	Year Forecast	Actual	Units	Year Forecast	Actual	Units
Intermittent	1992 10000	0	G	1993 4730	0	G
	1995 0	0	G			

Reviewed by: David P. Carlson

***** A. Identification *****

3M Cordova BE Waste Stream No: 13-0062-0943-4
EPA Id No:ILD054236443 Plant Code: CORD Original Date: 07/12/91
Division: Specialty Matl Div-Chemicals Supersedes Date: 07/15/91
Contact: Pat Sheller Effective Date: 10/01/93
Name: D001 D002 UN2924 Special Halogenated Expires Date:
Process: Chemical Manufacture
Type: Regulated

***** B. Composition *****

Cas No	Component Description	% Concentration	Remarks
67641	Acetone	40.00000 to 60.00000	SIG
1194	Fluorochemical Tars	40.00000 to 60.00000	Hal MKG
7664393	Hydrofluoric Acid	0.10000 to 3.00000	Hal SIG

***** C. Characteristics *****

Physical State: Multiphase (Solid & Liquid)
Heating Value: >= 5,000 < 9,000
Flash Point: < 100 Fahrenheit pH: Acid

***** D. Classification *****

Ship Name: Waste Flammable Liquid, Corrosive,N.O.S.
Hazard Class: 3, 8, II Generator St No: NONE
DOT Id No: UN2924 Destination St No: NONE
EPA No: D001 D002
LDR Notification Required

***** E. Management Practices *****

Managed Offsite: Incinerate
3M Cottage Grove Center Cottage Grove MN 55016
MND006172969

Containers Used:

- UN1A1/Y1.2*** 17E 55 GAL. Drum, Metal TH, lined 34-7000-4397-8 RQ
- UN1A2/Y1.2*** 17H 55 GAL. Drum, Metal OH, lined 34-7000-4409-1 RQ

***** F. Waste Generation *****

Volumes:	Year Forecast	Actual	Units	Year Forecast	Actual	Units
Intermittent	1993	220	0 G	1994	0	0 P

Reviewed by: David P. Carlson

***** A. Identification *****

3M Cordova BE Waste Stream No: 13-0080-4176-9
EPA Id No:ILD054236443 Plant Code: CORD Original Date: 09/13/91
Division: Specialty Matl Div-Chemicals Supersedes Date: 10/10/91
Contact: Pat Sheller Effective Date: 10/01/93
Name: Pungent Halogenated Sludge Expires Date:
Process: Chemical Manufacture
Type: OSHA Regulated

***** B. Composition *****

Cas No	Component Description	% Concentration	Remarks
2120	Fluoroinert Still Bottoms	0.00000 to 100.00000	Hal MKG
***	Generator Must Enter	100.00000 to 100.00000	MKG
	Major Hazardous Component(s)		
7789244	Lithium Fluoride	0.00000 to 99.00000	Hal MKG
7732185	Water	0.00000 to 5.00000	

***** C. Characteristics *****

Physical State: Sludge (>10,000 Cp)
Heating Value: < 5,000
Flash Point: >= 140 < 200 Fahrenheit pH: N/A

***** D. Classification *****

Ship Name: Waste Pungent Halogenated Sludge
Hazard Class: None Generator St No: NONE
DOT Id No: None Destination St No: NONE
EPA No: NONE

***** E. Management Practices *****

Managed Offsite: Incinerate
3M Cottage Grove Center Cottage Grove MN 55016
MND006172969

Containers Used:

UN1A2/Y1.2*** 17H 55 GAL. Drum, Metal OH, lined 34-7000-4409-1
UN1H1*** DOT34 50 GA Drum, Plastic

***** F. Waste Generation *****

Volumes:	Year Forecast	Actual	Units	Year Forecast	Actual	Units
Continuous	1994	0	0 P	1995	0	0 P

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3M WASTE STREAM PROFILE PROGRAM
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***** A. Identification *****
3M Cottage Grove Center BE 41 Waste Stream No: 13-0016-9893-8
EPA Id No: MND006172969 Plant Code: CHEM Original Date: 05/02/91
Division: Specialty Matl Div-Chemicals Supersedes Date: 11/21/91
Contact: Joel Herum Effective Date: 10/01/93
Name: Corrosives Expires Date:
Process: Flourochemical Processing
Type: Regulated

***** B. Composition *****
Cas No Component Description % Concentration Remarks
1194 Fluorochemical Tars 99.00000 to 99.00000 Hal MKG
7664393 Hydrofluoric Acid 1.00000 to 1.00000 Hal SIG

***** C. Characteristics *****
Physical State: Solid
Heating Value: < 5,000
Flash Point: (blank) pH: Acid

***** D. Classification *****
Ship Name: Waste Corrosive Liquid, N.O.S.
Hazard Class: 8, II Generator St No: NONE
DOT Id No: UN1760 Destination St No: NONE
EPA No: D002
LDR Notification Required

***** E. Management Practices *****
Managed Offsite: Landfill
3M Cottage Grove Center Cottage Grove MN 55016
MND006172969

Containers Used:
UN1A1/Y1.2*** 17E 55 GAL. Drum, Metal TH, lined 34-7000-4397-3 RQ
UN1A2/Y1.2*** 17H 55 GAL. Drum, Metal OH, lined 34-7000-4409-1 RQ
UN1G*** 21C 50 GAL. Drum, Fiber RQ

***** F. Waste Generation *****
Volumes: Year Forecast Actual Units Year Forecast Actual Units
Continuous 1992 45000 0 P 1993 47244 71244 P
1994 0 89000 P 1995 0 0 P

Reviewed by: David P. Carlson

***** A. Identification *****
3M Cottage Grove Center BE 41 Waste Stream No: 13-0017-0281-3
EPA Id No: MND006172969 Plant Code: CHEM Original Date: 05/03/91
Division: Specialty Matl Div-Chemicals Supersedes Date: 04/30/93
Contact: Joel Herum Effective Date: 10/01/93
Name: Mixed Corrosives Expires Date:
Process: Fluorochemical Processing
Type: Regulated

***** B. Composition *****
Cas No Component Description % Concentration Remarks
2051 Fluorochemicals 95.00000 to 100.00000 Pal MKG
7664393 Hydrofluoric Acid 2.00000 to 5.00000 Pal SIG

***** C. Characteristics *****
Physical State: Pumpable Liquid (<2,000 Cp)
Heating Value: < 5,000
Flash Point: N/A pH: Acid

***** D. Classification *****
Ship Name: Waste Corrosive Liquid, N.O.S.
Hazard Class: 8, II Generator St No: NONE
DOT Id No: UN1760 Destination St No: NONE
EPA No: D002
LDR Notification Required

***** E. Management Practices *****
Managed Offsite: Incinerate
3M Cottage Grove Center Cottage Grove MN 55016
MND006172969

Containers Used:
UN1A2/Y1.2*** 17H 55 GAL. Drum, Metal OH, lined 34-7000-4409-1 RQ
***** F. Waste Generation *****

Volumes:	Year	Forecast	Actual	Units	Year	Forecast	Actual	Units
Continuous	1992	63000	0	P	1993	37387	43292	P
	1994	0	16011	P	1995	0	0	P

Reviewed by: David P. Carlson

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3M WASTE STREAM PROFILE PROGRAM
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***** A. Identification *****

3M Cottage Grove Center BE 41 Waste Stream No: 13-0084-4140-7
EPA Id No: MND006172969 Plant Code: CHEM Original Date: 10/08/91
Division: Specialty Matl Div-Chemicals Supersedes Date: 11/21/91
Contact: Joel Herum Effective Date: 10/01/93
Name: Fluorochemical Inert Or Surfactant Expires Date:
Process: Distillation
Type: OSHA Regulated

***** B. Composition *****

Cas No	Component Description	% Concentration	Remarks
2051	Fluorochemicals	100.00000 to 100.00000	Hal MKG

***** C. Characteristics *****

Physical State: Pumpable Liquid (<2,000 Cp)
Heating Value: < 5,000
Flash Point: N/A pH: N/A

***** D. Classification *****

Ship Name: Waste Fluorochemical Inert Or Surfactant
Hazard Class: None Generator St No: NONE
DOT Id No: None Destination St No: NONE
EPA No: NONE

***** E. Management Practices *****

Managed Offsite: Incinerate
3M Cottage Grove Center Cottage Grove MN 55016
MND006172969

Containers Used:

UN1A1/Y1.2*** 17E 55 GAL. Drum, Metal TH, lined 34-7000-4397-R

***** F. Waste Generation *****

Volumes:	Year Forecast	Actual	Units	Year Forecast	Actual	Units
Continuous	1992 6000	0	P	1993 8555	18856	P
	1994 0	75155	P	1995 0	0	P

Reviewed by: David P. Carlson