

80920 - R2273 (RUN 03/09/92) PREQUALIFICATION EVALUATION - ENVIROSYSTEMS
PROJECT: PREQUALIFICATION GENERATOR SURVEY
BRANCH/SUBMITTER: 015200
JOHN WILSON



ACCEPT

* * REVISED * *

ACCEPT

ENVIROSYSTEMS FUELS
PPG INDUSTRIES
WASTE OIL

CONTROL #: 0000122549-3
LAB #: 0000030083-2
SURVEY #: 0000260239

CUSTOMER INFORMATION: 0000-60-2789

FEDERAL EPA ID: LAD008086506
STATE EPA ID:

PPG INDUSTRIES INC
COLUMBIA SOUTHERN RD
WEST LAKE

LA 70664

ATTN: GERALD L PERRY

SALESPERSON: JOHN WILSON

GENERATOR: PPG INDUSTRIES
NATURE OF BUSINESS: CHEMICAL MANUFACTURE
FEDERAL EPA ID: LAD008086506 IL: MO: ST: ID: STATUS: LQG
FACILITY ADDRESS: COLUMBIA SOUTHERN RD WESTLAKE LA 70669
BILLING: FOR MANIFEST PO BOX 1000 LAKE CHARLES LA 70602 -1000
GENERAL DESCRIPTION: WASTE OIL
PROCESS DESCRIPTION: TRANSFORMER MAINTENANCE
GENERATION AMOUNT: 5000 GALLONS PER YEAR
AMOUNT ON HAND: 100 IN BULK
SHIPPING FREQUENCY: QTRLY IN BULK
COLOR: BROWN PCT SOLIDS NOT SAMPLED: PH RANGE: 4-10
LAYERS OR PHASES: ONE PHYSICAL STATE: LIQUID VISCOSITY: LOW
MATERIAL COMPOSITION: VOL% CODE MAX TYPICAL
OIL, PETROLEUM 0 100.00
ATTACHMENTS: NONE
RESTRICTED SUBSTANCES: TSCA REGULATED MATERIAL
IDENTIFY: PCBS <10PPM
HAZARD CLASS: NUMBER: NEED ASSISTANCE
EPA WASTE DESCRIPTION AND TREATMENT STANDARDS: RCRA HAZARDOUS WASTE: NOT SURE
P.O. NO: TYPE OF SAMPLE: GRAB # OF DRUMS SAMPLED: 1 TAKEN BY: CUSTOMER
NAME: GERALD L PERRY TITLE: ENV CONTROL SPECIALIST 11/26/1991 (318) 491-4370
COMMENTS: L#30083-2

REVISION: 03/09/1992 13:04 NANCY DROUGAS
LOCATOR2 FR

TO: 0000602789

CORPORATE REVIEWS: DISPOSITION REVIEWER DATE

TECHNICAL: ACCEPT AAD 12/18/91
REGULATORY: ACCEPT JHP 12/18/91
OPERATING: ACCEPT JWH 12/18/91

POSSIBLE FACILITIES: PRICING CODE: F7
658 642 610

APPROVED FACILITIES:

(658) SAFETY-KLEEN CORP (642) SAFETY-KLEEN CORP (610) BRESLUBE
STATE HWY 146 581 MILLIKEN DR SE 601 RILEY ROAD
NEW CASTLE KY 40050 HEBRON, OHIO 43025 EAST CHICAGO IN 46312
FED EPA#: KYD053348108 OHD980587364 IND077042034
STATE EPA#: 219/397-1131
TELEPHONE: 502/845-2453 614/929-3532
STATE CODE:

APPROVD 0001073 DRUM OR BULK
DOT-EPA WASTE OIL
DESC. (NOT USDOT HAZARDOUS MATERIAL)

0000777 NOT FOR MANIFEST
PROPER SHIPPING DESCRIPTION WAS BASED
ON THIS SINGLE ANALYSIS. GENERATOR MUST
CERTIFY THAT SHIPMENT IS NOT HAZARDOUS.

EPA WASTE CODES
NONE

COMMENTS: OK FOR SKOS WASTE OIL FUEL.
GENERATOR SENT TCLP FOR METALS, NONVOLATILES

THIS SERVES AS NOTICE PER, 40CFR284.12(B), THAT THE FACILITY(IES) NOTED ABOVE
HAS THE APPROPRIATE PERMITS AND IS WILLING TO RECEIVE THE MATERIAL DESCRIBED.

SL 021749

BRANCH/SUBMITTER: 015200
JOHN WILSONACCEPT
ENVIROSYSTEMS FUELS
PPG INDUSTRIES
WASTE OIL

* * REVISED * *

ACCEPT

CONTROL #: 0122549-3
SURVEY #: 260239

GENERAL ANALYSIS OF TOTAL SAMPLE

COLOR : BROWN
WATER CONTENT : < 0.1 WT%
NON-VOLATILE RESIDUE : 98.0 WT% DESCRIPTION: OIL
FLAMMABILITY : NO FLASH AT 142 F BY SETAFLASH
FLAMMABILITY : NO FLASH AT 102 F BY SETAFLASH
PH : EXTRACT BY METER 6.6
RADIOACTIVITY : NONE DETECTED
COMMENTS: NO FLASH AT 202F

FUEL EVALUATION OF TOTAL SAMPLE

HEAT CONTENT: 19400 BTU/LB
TOTAL BROMINE BR: < 0.1 WT%
TOTAL FLUORINE F: < 0.1 WT%
COMMENTS: CHLORIDE BY TOX 18PPM
ASH UPON COMBUSTION: < 1.0 WT%
TOTAL CHLORINE CL: < 0.1 WT%
TOTAL SULFUR S: < 0.1 WT%

METALS CONTENT OF TOTAL SAMPLE (PPM): DIGEST BY: ICP

BARIUM (DO05) BA:	7	IRON	FE:	7	MAGNESIUM	MG:	8
SILVER (DO11) AG:	< 5	ARSENIC (DO04) AS:	< 5	BERYLLIUM	BE:	< 1	
CADMIUM (DO06) CD:	< 1	CHROMIUM (DO07) CR:	< 1	MERCURY (DO09) HG:	< 5		
NICKEL	NI:	PHOSPHORUS	P:	< 1	LEAD (DO08) PB:	< 1	
SELENIUM (DO10) SE:	< 5	TITANIUM	TI:	< 1	THALLIUM	TL:	< 1
ZINC	ZN:						

GENERAL COMPOSITION:

	SPECIFIC GRAVITY	VISCOSITY (CENTIPOISE)	GENERAL COMPOSITION BY: CENTRIFUGE (VOL%)	APPEARANCE (VOL%)	TOTAL (WT %)
AQUEOUS PHASE (FREE WATER)			0.0	0.0	0.0
ORGANIC PHASE (FEEDSTOCK)			100.0	100.0	100.0
BOTTOM SLUDGE (SEMISOLIDS)			0.0	0.0	0.0
BOTTOM SOLID (SETTLED SOLIDS)			0.0	0.0	0.0
TOTAL	.890	< 50 CPS	100.0	100.0	100.0

SPECIFIC COMPOSITION OF TOTAL SAMPLE

	COMPOSITION OF:	TOTAL SAMPLE (WT%)	TOTAL SAMPLE (WT%)
WATER CONTENT		0.1	0.1
NON-VOLATILE RESIDUE	DESCRIPTION: OIL	98.0	98.0
VOLATILE ORGANICS BY DIFFERENCE		1.9	1.9
TOTAL		100.0	100.0

VOLATILE ORGANIC COMPOSITION OF TOTAL SAMPLE BY GAS CHROMATOGRAPHY

SAMPLE PREPARATION METHODS: CS2-EXTRACT
DETECTION METHODS : FID, FID, MASS-SPEC

COMPOUND NAME	COMPOSITION OF:	VOLATILE ORGANICS (WT%)	VOLATILE ORGANICS (WT%)	TOTAL SAMPLE (WT%)
TRACES OF VOLATILE ORGANICS DETECTED (<1.0% EACH)	CODE CAS NUMBER			
	TR 0-27-1	100.0	100.0	1.9
TOTAL		100.0	100.0	1.9

SUMMARY OF VOLATILE ORGANIC COMPOSITION BY COMPOUND CHEMICAL CLASS WT%:

ALCOHOLS	ALIPHATIC HYDROCARBONS
AROMATIC HYDROCARBONS	CHLORINATED SOLVENTS
ESTERS	ETHERS
GLYCOL ETHERS	INHIBITORS
KETONES	NITROGEN COMPOUNDS

SPECIFIC ORGANIC COMPOSITION

POLYCHLORINATED BIPHENYLS (PCBS): DETECTED 4 PPM AROCHLOR: 1242
SAFETY-KLEEN REGULATED COMPOUNDS: NONE DETECTED

ADDITIONAL ANALYTICAL INFORMATION: AR1242=4.35PPM

CONTINUED ON NEXT PAGE

SL 021750

COMPLETED: 12/19/91
REVISED: 03/09/92

BRANCH/SUBMITTER: 015200
JOHN WILSON

● C C E P T
ENVIROSYSTEMS FUELS
PPG INDUSTRIES
WASTE OIL

* * REVISED * *

A C C E P T

CONTROL #: 0122549-3
SURVEY #: 250239

LABORATORY REVIEW: A
LEVEL: SEG CODE: RELEASED: 12/19/91
LAB REVIEWERS: AJ AJ ANALYZED: 12/17/91
PCB'S DETECTED/NVR ESTIMATED BY DIFFERENCE.

TRACKING INFORMATION: DATE FACILITY
SURVEY RECEIVED : 12/05/91 SK TECHNICAL CEN
SAMPLE RECEIVED : 12/05/91
RESAMPLE SHIPPED :
RESAMPLE RECEIVED:

THE ANALYSES CONTAINED HEREIN ARE PERFORMED SOLELY FOR THE PURPOSE OF QUALIFYING THE ANALYZED MATERIALS FOR ACCEPTANCE BY SAFETY-KLEEN IN ACCORDANCE WITH ITS PERMITS AND PROCESSING CAPABILITY.

SL 021751

00920 - R2273 (RUN 02/05/92) PREQUALIFICATION EVALUATION - ENVIROSYSTF
PROJECT: PREQUALIFICATION GENERATOR SURVEY
BRANCH/SUBMITTER: 015200
JOHN WILSON

C C E P T

* * REVISED * *



A C C E P T

ENVIROSYSTEMS FUELS
PPG INDUSTRIES
WASTE OIL

CONTROL #: 0000122549-3
LAB #: 0000030083-2
SURVEY #: 0000260239

CUSTOMER INFORMATION: 0000-60-2789 - 60-0938

FEDERAL EPA ID: LAD008086506
STATE EPA ID:

PPG INDUSTRIES INC
COLUMBIA SOUTHERN RD
WEST LAKE

LA 70664

ATTN: GERALD L PERRY

SALESPERSON: JOHN WILSON

GENERATOR: PPG INDUSTRIES
NATURE OF BUSINESS: CHEMICAL MANUFACTURE
FEDERAL EPA ID: LAD008086506 IL: MO: ST: ID: STATUS: LOG
FACILITY ADDRESS: BILLING: FOR MANIFEST
COLUMBIA SOUTHERN RD PO BOX 1000
WESTLAKE LA 70669 LAKE CHARLES LA 70602 -1000
GENERAL DESCRIPTION: WASTE OIL
PROCESS DESCRIPTION: TRANSFORMER MAINTENANCE
GENERATION AMOUNT: 5000 GALLONS PER YEAR
AMOUNT ON HAND: 100 IN BULK
SHIPPING FREQUENCY: QTRLY IN BULK
COLOR: BROWN PCT SOLIDS NOT SAMPLED: PH RANGE: 4-10
LAYERS OR PHASES: ONE PHYSICAL STATE: LIQUID VISCOSITY: LOW
MATERIAL COMPOSITION: VOL% CODE MAX TYPICAL
OIL, PETROLEUM 0 100.00
ATTACHMENTS: NONE
RESTRICTED SUBSTANCES: TSCA REGULATED MATERIAL
IDENTIFY: PCBS <10PPM
HAZARD CLASS: NUMBER NEED ASSISTANCE
EPA WASTE DESCRIPTION AND TREATMENT STANDARDS: RCRA HAZARDOUS WASTE: NOT SURE
P.O. NO: TYPE OF SAMPLE: GRAB # OF DRUMS SAMPLED: 1 TAKEN BY: CUSTOMER
NAME: GERALD L PERRY TITLE: ENV CONTROL SPECIALIST 11/26/1991 (318) 491-4370
COMMENTS: L#30083-2

CORPORATE REVIEWS:	DISPOSITION	REVIEWER	DATE
TECHNICAL:	ACCEPT	AAD	12/18/91
REGULATORY:	ACCEPT	JHP	12/18/91
OPERATING:	ACCEPT	JWH	12/18/91

POSSIBLE FACILITIES: PRICING CODE: F7
658 642

APPROVED FACILITIES:

(658) SAFETY-KLEEN CORP STATE HWY 146 NEW CASTLE KY 40050 FED EPA#: KYD053348108 STATE EPA#: TELEPHONE: 502/845-2453 STATE CODE:	(642) SAFETY-KLEEN CORP 581 MILLIKEN DR SE HEBRON, OHIO 43025 OHD980587364 614/929-3532
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APPROVD 0001073 DRUM OR BULK
DOT-EPA WASTE OIL
DESC. (NOT USDOT HAZARDOUS MATERIAL)

0000777 NOT FOR MANIFEST
PROPER SHIPPING DESCRIPTION WAS BASED
ON THIS SINGLE ANALYSIS. GENERATOR MUST
CERTIFY THAT SHIPMENT IS NOT HAZARDOUS.

EPA WASTE CODES
NONE

COMMENTS: OK FOR WASTE OIL FUEL
GENERATOR SENT TCLP FOR METALS, NONVOLATILES

THIS SERVES AS NOTICE PER, 40CFR264.12(B), THAT THE FACILITY(IES) NOTED ABOVE
HAS THE APPROPRIATE PERMITS AND IS WILLING TO RECEIVE THE MATERIAL DESCRIBED.

SL 021752

BRANCH/SUBMITTER: 015200
JOHN WILSONACCEPT
ENVIROSYSTEMS FUELS
PPG INDUSTRIES
WASTE OIL

* * REVISED * *

ACCEPT

CONTROL #: 0122549-3
SURVEY #: 260239

GENERAL ANALYSIS OF TOTAL SAMPLE

COLOR : BROWN
WATER CONTENT : < 0.1 WT%
NON-VOLATILE RESIDUE : 98.0 WT% DESCRIPTION: OIL
FLAMMABILITY : NO FLASH AT 142 F BY SETAFLASH
FLAMMABILITY : NO FLASH AT 102 F BY SETAFLASH
PH : EXTRACT BY METER 6.6
RADIOACTIVITY : NONE DETECTED
COMMENTS: NO FLASH AT 202F

FUEL EVALUATION OF TOTAL SAMPLE

HEAT CONTENT: 19400 BTU/LB
TOTAL BROMINE BR: < 0.1 WT%
TOTAL FLUORINE F: < 0.1 WT%
COMMENTS: CHLORIDE BY TOX 18PPM
ASH UPON COMBUSTION: < 1.0 WT%
TOTAL CHLORINE CL: < 0.1 WT%
TOTAL SULFUR S: < 0.1 WT%

METALS CONTENT OF TOTAL SAMPLE (PPM): DIGEST

BY: ICP

BARIUM (DO05) BA:	7	IRON	FE:	7	MAGNESIUM	MG:	8
SILVER (DO11) AG:	< 5	ARSENIC (DO04) AS:	< 5	BERYLLIUM	BE:	< 1	
CADMIUM (DO06) CD:	< 1	CHROMIUM (DO07) CR:	< 1	MERCURY (DO09) HG:	< 5		
NICKEL	NI: < 1	PHOSPHORUS	P: < 1	LEAD (DO08) PB:	< 1		
SELENIUM (DO10) SE:	< 5	TITANIUM	TI: < 1	THALLIUM	TL: < 1		
ZINC	ZN: < 1						

GENERAL COMPOSITION:

	SPECIFIC GRAVITY	VISCOSITY (CENTIPOISE)	GENERAL COMPOSITION BY: CENTRIFUGE (VOL%)	APPEARANCE (VOL%)	TOTAL (WT %)
AQUEOUS PHASE (FREE WATER)			0.0	0.0	0.0
ORGANIC PHASE (FEEDSTOCK)			100.0	100.0	100.0
BOTTOM SLUDGE (SEMISOLIDS)			0.0	0.0	0.0
BOTTOM SOLID (SETTLED SOLIDS)			0.0	0.0	0.0
TOTAL	.890	< 50 CPS	100.0	100.0	100.0

SPECIFIC COMPOSITION OF TOTAL SAMPLE

COMPOSITION OF:

	TOTAL SAMPLE (WT%)	TOTAL SAMPLE (WT%)
WATER CONTENT	0.1	0.1
NON-VOLATILE RESIDUE DESCRIPTION: OIL	98.0	98.0
VOLATILE ORGANICS BY DIFFERENCE	1.9	1.9
TOTAL	100.0	100.0

VOLATILE ORGANIC COMPOSITION OF TOTAL SAMPLE BY GAS CHROMATOGRAPHY

SAMPLE PREPARATION METHODS: CS2-EXTRACT
DETECTION METHODS : FID, FID, MASS-SPEC

COMPOUND NAME	COMPOSITION OF: CODE	CAS NUMBER	VOLATILE ORGANICS (WT%)	VOLATILE ORGANICS (WT%)	TOTAL SAMPLE (WT%)
TRACES OF VOLATILE ORGANICS DETECTED (<1.0% EACH)	TR	0-27-1	100.0	100.0	1.9
TOTAL			100.0	100.0	1.9

SUMMARY OF VOLATILE ORGANIC COMPOSITION BY COMPOUND CHEMICAL CLASS WT%:

ALCOHOLS	ALIPHATIC HYDROCARBONS
AROMATIC HYDROCARBONS	CHLORINATED SOLVENTS
ESTERS	ETHERS
GLYCOL ETHERS	INHIBITORS
KETONES	NITROGEN COMPOUNDS

SPECIFIC ORGANIC COMPOSITION

POLYCHLORINATED BIPHENYLS (PCBS): DETECTED 4 PPM AROCHLOR: 1242
SAFETY-KLEEN REGULATED COMPOUNDS: NONE DETECTED

ADDITIONAL ANALYTICAL INFORMATION: AR1242=4.35PPM

CONTINUED ON NEXT PAGE

SL 021753

BRANCH/SUBMITTER: 015200
JOHN WILSON

ACCEPT
ENVIROSYSTEMS FUELS
PPG INDUSTRIES
WASTE OIL

* * REVISED * *

ACCEPT

CONTROL #: 0122549-3
SURVEY #: 260239

LABORATORY REVIEW. A
LEVEL: SEG CODE: RELEASED: 12/19/91
LAB REVIEWERS: AU AJ ANALYZED: 12/17/91
PCB'S DETECTED/NVR ESTIMATED BY DIFFERENCE.

TRACKING INFORMATION	DATE	FACILITY
SURVEY RECEIVED	12/05/91	SK TECHNICAL CEN
SAMPLE RECEIVED	12/05/91	
RESAMPLE SHIPPED		
RESAMPLE RECEIVED		

THE ANALYSES CONTAINED HEREIN ARE PERFORMED SOLELY FOR THE PURPOSE OF QUALIFYING THE ANALYZED MATERIALS FOR ACCEPTANCE BY SAFETY-KLEEN IN ACCORDANCE WITH ITS PERMITS AND PROCESSING CAPABILITY.

REVISION NOTES ** (02/05/92) **
(0002) REVISED FOR NONHAZ APPROVA.C
(0003) CHANGED ERROR.

SL 021754

80920 - R2273 (RUN 01/24/92) PRE QUALIFICATION EVALUATION - ENVIROSYST
PROJECT: PPEQUALIFICATION GENERATOR SURVEY
BRANCH/SUBMITTER: 015200
JOHN WILSON



ACCEPT

* * REVISED * *

ACCEPT

ENVIROSYSTEMS FUELS
PPG INDUSTRIES
WASTE OIL

CONTROL #: 0000122549-3
LAB #: 0000030083-2
SURVEY #: 0000280239

CUSTOMER INFORMATION: 0000-60-2789 -60-0938

FEDERAL EPA ID: LAD008086506
STATE EPA ID:

PPG INDUSTRIES INC
COLUMBIA SOUTHERN RD
WEST LAKE

LA 70664

ATTN: GERALD L PERRY

SALESPERSON: JOHN WILSON

GENERATOR: PPG INDUSTRIES
NATURE OF BUSINESS: CHEMICAL MANUFACTURE
FEDERAL EPA ID: LAD008086506 IL: MO: S.I.C. NO: ST: ID: STATUS: LQG
FACILITY ADDRESS: BILLING: FOR MANIFEST
COLUMBIA SOUTHERN RD PO BOX 1000
WESTLAKE LA 70669 LAKE CHARLES LA 70602 -1000
GENERAL DESCRIPTION: WASTE OIL
PROCESS DESCRIPTION: TRANSFORMER MAINTENANCE
GENERATION AMOUNT: 5000 GALLONS PER YEAR
AMOUNT ON HAND: 100 IN BULK
SHIPPING FREQUENCY: QTRLY IN BULK
COLOR: BROWN PCT SOLIDS NOT SAMPLED: PH RANGE: 4-10
LAYERS OR PHASES: ONE PHYSICAL STATE: LIQUID VISCOSITY: LOW
MATERIAL COMPOSITION: VOL% CODE MAX TYPICAL
OIL, PETROLEUM 0 100.00
ATTACHMENTS: NONE
RESTRICTED SUBSTANCES: TSCA REGULATED MATERIAL
IDENTIFY: PCBs <10PPM
HAZARD CLASS: NUMBER: NEED ASSISTANCE
EPA WASTE DESCRIPTION AND TREATMENT STANDARDS: RCRA HAZARDOUS WASTE: NOT SURE
P.O. NO: TYPE OF SAMPLE: GRAB # OF DRUMS SAMPLED: 1 TAKEN BY: CUSTOMER
NAME: GERALD L PERRY TITLE: ENV CONTROL SPECIALIST 11/26/1991 (318) 491-4370
COMMENTS: L#30083-2

CORPORATE REVIEWS:	DISPOSITION	REVIEWER	DATE	POSSIBLE FACILITIES:	PRICING CODE: F7
TECHNICAL:	ACCEPT	AAD	12/18/91	658 642	
REGULATORY:	ACCEPT	JHP	12/18/91		
OPERATING:	ACCEPT	JWH	12/18/91		

APPROVED FACILITIES:
(658) SAFETY-KLEEN CORP (642) SAFETY-KLEEN CORP
STATE HWY 146 581 MILLIKEN DR SE
NEW CASTLE KY 40050 HEBRON, OHIO 43025
FED EPA#: KYD053348108 OHD980587364
STATE EPA#: 502/845-2453 614/929-3532
TELEPHONE: 502/845-2453
STATE CODE:

APPROVD 0001061 DRUM OR BULK
DOT-EPA PETROLEUM OIL
DESC. COMBUSTIBLE LIQUID NA1270(ERG #27)
COMMENTS: OK FOR WASTE OIL FUEL

0000777 NOT FOR MANIFEST
PROPER SHIPPING DESCRIPTION WAS BASED
ON THIS SINGLE ANALYSIS. GENERATOR MUST
CERTIFY THAT SHIPMENT IS NOT HAZARDOUS.

EPA WASTE CODES
NONE

THIS SERVES AS NOTICE PER, 40CFR264.12(B), THAT THE FACILITY(IES) NOTED ABOVE
HAS THE APPROPRIATE PERMITS AND IS WILLING TO RECEIVE THE MATERIAL DESCRIBED.

SL 021755

BRANCH/SUBMITTER: 015200
JOHN WILSON

A C C E P T

* * REVISED * *

A C C E P T

ENVIROSYSTEMS FUELS
PPG INDUSTRIES
WASTE OILCONTROL #: 0122549-3
SURVEY #: 260239

GENERAL ANALYSIS OF TOTAL SAMPLE

COLOR : BROWN
WATER CONTENT : < 0.1 WT%
NON-VOLATILE RESIDUE : 98.0 WT% DESCRIPTION: OIL
FLAMMABILITY : NO FLASH AT 142 F BY SETAFLASH
FLAMMABILITY : NO FLASH AT 102 F BY SETAFLASH
PH : EXTRACT BY METER 6.6
RADIOACTIVITY : NONE DETECTED

FUEL EVALUATION OF TOTAL SAMPLE

HEAT CONTENT: 19400 BTU/LB
TOTAL BROMINE BR: < 0.1 WT%
TOTAL FLUORINE F: < 0.1 WT%
ASH UPON COMBUSTION: < 1.0 WT%
TOTAL CHLORINE CL: < 0.1 WT%
TOTAL SULFUR S: < 0.1 WT%

METALS CONTENT OF TOTAL SAMPLE (PPM): DIGEST

BY: ICP

BARIUM (DO05) BA:	7	IRON	FE:	7	MAGNESIUM	MG:	8
SILVER (DO11) AG:	< 5	ARSENIC (DO04) AS:	< 5	BERYLLIUM	BE:	< 1	
CADMIUM (DO06) CD:	< 1	CHROMIUM (DO07) CR:	< 1	MERCURY (DO09) HG:	< 5		
NICKEL	NI: < 1	PHOSPHORUS	P: < 1	LEAD (DO08) PB:	< 1		
SELENIUM (DO10) SE:	< 5	TITANIUM	TI: < 1	THALLIUM	TL: < 1		
ZINC	ZN: < 1						

GENERAL COMPOSITION:

	SPECIFIC GRAVITY	VISCOSITY (CENTIPOISE)	CENTRIFUGE (VOL%)	APPEARANCE (VOL%)	TOTAL (WT %)
AQUEOUS PHASE (FREE WATER)			0.0	0.0	0.0
ORGANIC PHASE (FEEDSTOCK)			100.0	100.0	100.0
BOTTOM SLUDGE (SEMISOLIDS)			0.0	0.0	0.0
BOTTOM SOLID (SETTLED SOLIDS)			0.0	0.0	0.0
TOTAL	.890	< 50 CPS	100.0	100.0	100.0

SPECIFIC COMPOSITION OF TOTAL SAMPLE

COMPOSITION OF:

	TOTAL SAMPLE (WT%)	TOTAL SAMPLE (WT%)
WATER CONTENT	0.1	0.1
NON-VOLATILE RESIDUE	98.0	98.0
VOLATILE ORGANICS BY DIFFERENCE	1.9	1.9
TOTAL	100.0	100.0

VOLATILE ORGANIC COMPOSITION OF TOTAL SAMPLE BY GAS CHROMATOGRAPHY

SAMPLE PREPARATION METHODS: CS2-EXTRACT
DETECTION METHODS : FID, FID, MASS-SPEC

COMPOUND NAME	COMPOSITION OF:	VOLATILE ORGANICS (WT%)	VOLATILE ORGANICS (WT%)	TOTAL SAMPLE (WT%)
TRACES OF VOLATILE ORGANICS DETECTED (<1.0% EACH)	CODE CAS NUMBER			
	TR O-27-1	100.0	100.0	1.9
TOTAL		100.0	100.0	1.9

SUMMARY OF VOLATILE ORGANIC COMPOSITION BY COMPOUND CHEMICAL CLASS WT%:

ALCOHOLS	ALIPHATIC HYDROCARBONS
AROMATIC HYDROCARBONS	CHLORINATED SOLVENTS
ESTERS	ETHERS
GLYCOL ETHERS	INHIBITORS
KETONES	NITROGEN COMPOUNDS

SPECIFIC ORGANIC COMPOSITION

POLYCHLORINATED BIPHENYLS (PCBS): DETECTED 4 PPM AROCHLOR: 1242
SAFETY-KLEEN REGULATED COMPOUNDS: NONE DETECTED

ADDITIONAL ANALYTICAL INFORMATION: AR1242=4.35PPM

LABORATORY REVIEW: A
LEVEL: SEG CODE: RELEASED: 12/19/91
LAB REVIEWERS: AU AU ANALYZED: 12/17/91
PCB'S DETECTED/NVR ESTIMATED BY DIFFERENCE.

TRACKING INFORMATION: DATE FACILITY
SURVEY RECEIVED : 12/05/91 SK TECHNICAL CEN
SAMPLE RECEIVED : 12/05/91
RESAMPLE SHIPPED :
RESAMPLE RECEIVED:

CONTINUED ON NEXT PAGE

SL 021756

80920 - R2273 (RUN 01/24/92) PRF 'QUALIFICATION EVALUATION - ENVIROSYS' S
MATERIAL ANALYSIS

PAGE 3
COMPLETED: 12/19/91
REVISED: 01/24/92

BRANCH/SUBMITTER: 015200
JOHN WILSON

ACCEPT
ENVIROSYSTEMS FUELS
PPG INDUSTRIES
WASTE OIL

* * REVISED * *

ACCEPT

CONTROL #: 0122549-3
SURVEY #: 260239

THE ANALYSES CONTAINED HEREIN ARE PERFORMED SOLELY FOR THE PURPOSE OF QUALIFYING THE ANALYZED MATERIALS FOR ACCEPTANCE BY SAFETY-KLEEN IN ACCORDANCE WITH ITS PERMITS AND PROCESSING CAPABILITY.

REVISION NOTES ** (01/24/92) **
(0001) REVISED TO NONHAZ. PCB CERTIFICATION RECEIVED.CC

SL 021757

80920 - R2273 (RUN 12/19/91) PREQUALIFICATION EVALUATION - ENVIROSYSTEMTM
PROJECT: PREQUALIFICATION GENERATOR SURVEY
BRANCH/SUBMITTER: 015200
JOHN WILSON

(S-07)
IE 1
19/91
19/91

C C E P T

ENVIROSYSTEMS FUELS
PPG INDUSTRIES
WASTE OIL



CONTROL #: 0000122549-3
LAB #: 0000030083-2
SURVEY #: 0000260239

CUSTOMER INFORMATION:

FEDERAL EPA ID:
STATE EPA ID:

PPG INDUSTRIES
COLUMBIA SOUTHERN RD
WESTLAKE

LA 70669

ATTN: GERALD L PERRY

SALESPERSON: JOHN WILSON

GENERATOR: PPG INDUSTRIES
NATURE OF BUSINESS: CHEMICAL MANUFACTURE
FEDERAL EPA ID: LAD008086506 IL: MO: S.I.C. NO: ST: ID: STATUS: LOG
FACILITY ADDRESS: COLUMBIA SOUTHERN RD WESTLAKE LA 70669
BILLING: FOR MANIFEST
PO BOX 1000 LAKE CHARLES LA 70602 -1000
GENERAL DESCRIPTION: WASTE OIL
PROCESS DESCRIPTION: TRANSFORMER MAINTENANCE
GENERATION AMOUNT: 5000 GALLONS PER YEAR
AMOUNT ON HAND: 100 IN BULK
SHIPPING FREQUENCY: QTRLY IN BULK
COLOR: BROWN PCT SOLIDS NOT SAMPLED: PH RANGE: 4-10
LAYERS OR PHASES: ONE PHYSICAL STATE: LIQUID VISCOSITY: LOW
MATERIAL COMPOSITION: VOL% OIL, PETROLEUM CODE MAX TYPICAL
0 100.00
ATTACHMENTS: NONE
RESTRICTED SUBSTANCES: TSCA REGULATED MATERIAL
IDENTIFY: PCBs <10PPM
HAZARD CLASS: NUMBER: NEED ASSISTANCE
EPA WASTE DESCRIPTION AND TREATMENT STANDARDS: RCRA HAZARDOUS WASTE: NOT SURE
P.O. NO: TYPE OF SAMPLE: GRAB # OF DRUMS SAMPLED: 1 TAKEN BY: CUSTOMER
NAME: GERALD L PERRY TITLE: ENV CONTROL SPECIALIST 11/26/1991 (318) 491-4370
COMMENTS: L#30083-2

CORPORATE REVIEWS:	DISPOSITION	REVIEWER	DATE
TECHNICAL:	ACCEPT	AAO	12/18/91
REGULATORY:	ACCEPT	JHP	12/18/91
OPERATING:	ACCEPT	JWH	12/18/91

POSSIBLE FACILITIES: PRICING CODE: F1
658

APPROVED FACILITIES:
(658) SAFETY-KLEEN CORP
STATE HWY 146
NEW CASTLE KY 40050
FED EPA#: KYD053348108
STATE EPA#:
TELEPHONE: 502/845-2453
STATE CODE:

APPROVD 0001038 DRUM OR BULK
DOT-EPA RQ WASTE OIL
DESC. COMBUSTIBLE LIQUID NA1270
(0001)(ERG #27)
COMMENTS: OK FOR FUEL.

0000999 NOT FOR MANIFEST
PROPER SHIPPING DESCRIPTION WAS BASED
ON KNOWLEDGE OF SIMILIAR WASTES. AND
WAS NOT BASED ON THIS SINGLE ANALYSIS.

EPA WASTE CODES
0001

THIS SERVES AS NOTICE PER, 40CFR264.12(B), THAT THE FACILITY(IES) NOTED ABOVE
HAS THE APPROPRIATE PERMITS AND IS WILLING TO RECEIVE THE MATERIAL DESCRIBED.

SL 021758

BRANCH/SUBMITTER:

ACCEPT
ENVIROSYSTEMS FUELS
PPG INDUSTRIES
WASTE OIL

ACCEPT

CONTROL #: 0122549-3
SURVEY #: 260239

GENERAL ANALYSIS OF TOTAL SAMPLE

COLOR : BROWN
WATER CONTENT : < 0.1 WT%
NON-VOLATILE RESIDUE : 98.0 WT% DESCRIPTION: OIL
FLAMMABILITY :
FLAMMABILITY : NO FLASH AT 102 F BY SETAFLASH
PH : EXTRACT BY METER 6.6
RADIOACTIVITY : NONE DETECTED

FUEL EVALUATION OF TOTAL SAMPLE

HEAT CONTENT : 19400 BTU/LB
TOTAL BROMINE BR : < 0.1 WT%
TOTAL FLUORINE F : < 0.1 WT%
ASH UPON COMBUSTION : < 1.0 WT%
TOTAL CHLORINE CL : < 0.1 WT%
TOTAL SULFUR S : < 0.1 WT%

METALS CONTENT OF TOTAL SAMPLE (PPM): DIGEST BY: ICP

BARIUM (DO05) BA :	7	IRON	FE :	7	MAGNESIUM	MG :	8
SILVER (DO11) AG : <	5	ARSENIC (DO04) AS : <	5	BERYLLIUM	BE : <	1	
CADMIUM (DO06) CD : <	1	CHROMIUM (DO07) CR : <	1	MERCURY (DO09) HG : <	5		
NICKEL	NI : <	PHOSPHORUS	P : <	1	LEAD (DO08) PB : <	1	
SELENIUM (DO10) SE : <	5	TITANIUM	TI : <	1	THALLIUM	TL : <	1
ZINC	ZN : <						

GENERAL COMPOSITION:

	SPECIFIC GRAVITY	VISCOSITY (CENTIPOISE)	GENERAL COMPOSITION BY: CENTRIFUGE (VOL%)	APPEARANCE (VOL%)	TOTAL (WT %)
AQUEOUS PHASE (FREE WATER)			0.0	0.0	0.0
ORGANIC PHASE (FEEDSTOCK)			100.0	100.0	100.0
BOTTOM SLUDGE (SEMISOLIDS)			0.0	0.0	0.0
BOTTOM SOLID (SETTLED SOLIDS)			0.0	0.0	0.0
TOTAL	.890	< 50 CPS	100.0	100.0	100.0

SPECIFIC COMPOSITION OF TOTAL SAMPLE

	COMPOSITION OF:	TOTAL SAMPLE (WTX)	TOTAL SAMPLE (WTX)
WATER CONTENT		0.1	0.1
NON-VOLATILE RESIDUE	DESCRIPTION: OIL	98.0	98.0
VOLATILE ORGANICS BY DIFFERENCE		1.9	1.9
TOTAL		100.0	100.0

VOLATILE ORGANIC COMPOSITION OF TOTAL SAMPLE BY GAS CHROMATOGRAPHY

SAMPLE PREPARATION METHODS: CS2-EXTRACT
DETECTION METHODS : FID, FID, MASS-SPEC

COMPOUND NAME	COMPOSITION OF:	VOLATILE ORGANICS (WTX)	VOLATILE ORGANICS (WTX)	TOTAL SAMPLE (WTX)
TRACES OF VOLATILE ORGANICS DETECTED (<1.0% EACH)	CODE CAS NUMBER			
	TR 0-27-1	100.0	100.0	1.9
TOTAL		100.0	100.0	1.9

SUMMARY OF VOLATILE ORGANIC COMPOSITION BY COMPOUND CHEMICAL CLASS WTX:

ALCOHOLS	ALIPHATIC HYDROCARBONS
AROMATIC HYDROCARBONS	CHLORINATED SOLVENTS
ESTERS	ETHERS
GLYCOL ETHERS	INHIBITORS
KETONES	NITROGEN COMPOUNDS

SPECIFIC ORGANIC COMPOSITION

POLYCHLORINATED BIPHENYLS (PCBS): DETECTED 4 PPM AROCHLOR: 1242
SAFETY-KLEEN REGULATED COMPOUNDS: NONE DETECTED

ADDITIONAL ANALYTICAL INFORMATION: AR1242=4.35PPM

LABORATORY REVIEW: A
LEVEL: SEG CODE: RELEASED: 12/19/91
LAB REVIEWERS: AJ AJ ANALYZED: 12/17/91
PCB'S DETECTED/NVR ESTIMATED BY DIFFERENCE

TRACKING INFORMATION: DATE FACILITY:
SURVEY RECEIVED : 12/05/91 SK TECHNICAL CEN
SAMPLE RECEIVED : 12/05/91
RESAMPLE SHIPPED :
RESAMPLE RECEIVED:

COMPLETED: 12/19/91
REVISED: 12/19/91

BRANCH/SUBMITTER:

ACCEPT
ENVIROSYSTEMS FUELS
INDUSTRIES
WASTE OIL

ACCEPT

CONTROL #: 0122549-3
SURVEY #: 260239

THE ANALYSES CONTAINED HEREIN ARE PERFORMED SOLELY FOR THE PURPOSE OF QUALIFYING THE ANALYZED MATERIALS FOR ACCEPTANCE BY SAFETY-KLEEN IN ACCORDANCE WITH ITS PERMITS AND PROCESSING CAPABILITY.

NOTICE OF LAND DISPOSAL RESTRICTION OF WASTE IS REQUIRED UNDER 40 CFR PART 268.

EPA WASTE CODES FOR LDR: D001

ANALYSIS DOES NOT INDICATE THAT MATERIAL IS CALIFORNIA LIST HALOGENATED ORGANIC COMPOUND WASTE.