



## Household, Institutional & Industrial

### Acid Ethoxylates

#### Product Name

ENVIRACID™ C-5  
ENVIRACID™ C-9

ENVIRACID™ O-6.5  
ENVIRACID™ O-10  
ENVIRACID™ O-30/80

ENVIRACID™ S-40

ENVIRACID™ TO-7  
ENVIRACID™ TO-9

#### Product Description

POE(5) Coconut Fatty Acid  
POE(9) Coconut Fatty Acid

POE(6.5) Oleic Fatty Acid  
POE(10) Oleic Fatty Acid  
POE(30) Oleic Fatty Acid, 80% Active

POE(40) Stearic Fatty Acid

POE(7) Tall Oil Fatty Acid  
POE(9) Tall Oil Fatty Acid

### Alcohol Ethoxylates

#### Product Name

ENVIROCOL™ HXA 6-3  
ENVIROCOL™ HXA 6-6

ENVIROCOL™ IOA 8-3  
ENVIROCOL™ IOA 8-5

ENVIROCOL™ IDA 10-3  
ENVIROCOL™ IDA 10-5

ENVIROCOL™ NUA 91-2.5  
ENVIROCOL™ NUA 91-6  
ENVIROCOL™ NUA 91-8

ENVIROCOL™ UDA 1-3  
ENVIROCOL™ UDA 1-5  
ENVIROCOL™ UDA 1-7  
ENVIROCOL™ UDA 1-7B3  
ENVIROCOL™ UDA 1-9

ENVIROCOL™ DLA 12-3  
ENVIROCOL™ DLA 12-6  
ENVIROCOL™ DLA 12-8

ENVIROCOL™ LTA 23-1  
ENVIROCOL™ LTA 23-3  
ENVIROCOL™ LTA 23-5  
ENVIROCOL™ LTA 23-6.5

ENVIROCOL™ TDA 3-3  
ENVIROCOL™ TDA 3-6  
ENVIROCOL™ TDA 3-8  
ENVIROCOL™ TDA 3-8/90  
ENVIROCOL™ TDA 3-9  
ENVIROCOL™ TDA 3-12

ENVIROCOL™ LMA 24-2  
ENVIROCOL™ LMA 24-3  
ENVIROCOL™ LMA 24-7

#### Product Description

POE(3) Hexanol  
POE(6) Hexanol

POE(3) Isooctanol  
POE(5) Isooctanol

POE(3) Isodecanol  
POE(5) Isodecanol

POE(2.5) C9-11 Alcohol  
POE(6) C9-11 Alcohol  
POE(8) C9-11 Alcohol

POE(3) Undecanol  
POE(5) Undecanol  
POE(7) Undecanol  
Proprietary  
POE(9) Undecanol

POE(3) C10-12 Alcohol  
POE(6) C10-12 Alcohol  
POE(8) C10-12 Alcohol

POE(1) C12-13 Alcohol  
POE(3) C12-13 Alcohol  
POE(5) C12-13 Alcohol  
POE(6.5) C12-13 Alcohol

POE(3) Isotridecanol  
POE(6) Isotridecanol  
POE(8) Isotridecanol  
POE(8) Isotridecanol, 90% Active  
POE(9) Isotridecanol  
POE(12) Isotridecanol

POE(2) C12-14 Alcohol  
POE(3) C12-14 Alcohol  
POE(7) C12-14 Alcohol

## Alcohol Ethoxylates - Continued

<u>Product Name</u>	<u>Product Description</u>
ENVIROCOL™ LMA 24-9	POE(9) C12-14 Alcohol
ENVIROCOL™ LOA 25-3	POE(3) C12-15 Alcohol
ENVIROCOL™ LOA 25-7	POE(7) C12-15 Alcohol
ENVIROCOL™ LOA 25-9	POE(9) C12-15 Alcohol
ENVIROCOL™ LOA 25-12	POE(12) C12-15 Alcohol
ENVIROCOL™ MOA 45-7	POE(7) C14-15 Alcohol
ENVIROCOL™ MOA 45-13	POE(13) C14-15 Alcohol
ENVIROCOL™ CSA 68-5	POE(5) C16-18 Alcohol
ENVIROCOL™ CSA 68-20	POE(20) C16-18 Alcohol
ENVIROCOL™ CSA 68-25	POE(25) C16-18 Alcohol
ENVIROCOL™ CSA 68-40	POE(40) C16-18 Alcohol
ENVIROCOL™ NPR 400	Nonylphenol Replacement
ENVIROCOL™ NPR 600	Nonylphenol Replacement
ENVIROCOL™ NPR 900	Nonylphenol Replacement
ENVIROCOL™ NPR 901	Nonylphenol Replacement
ENVIROCOL™ NPR 902	Nonylphenol Replacement
ENVIROCOL™ NPR 910	Nonylphenol Replacement
ENVIROCOL™ NPR 1200	Nonylphenol Replacement
ENVIROCOL™ 1503h	POE(3) Secondary Alcohol
ENVIROCOL™ 1505h	POE(5) Secondary Alcohol
ENVIROCOL™ 1507h	POE(7) Secondary Alcohol
ENVIROCOL™ 1509h	POE(9) Secondary Alcohol
ENVIROCOL™ 1512	POE(12) Secondary Alcohol
ENVIROCOL™ 1515	POE(15) Secondary Alcohol
ENVIROCOL™ 1520	POE(20) Secondary Alcohol
ENVIROCOL™ 1520/80	POE(20) Secondary Alcohol, 80% Active
ENVIROCOL™ 1530	POE(30) Secondary Alcohol
ENVIROCOL™ 1540/70	POE(40) Secondary Alcohol, 70% Active

## Alkoxyated Alcohols

<u>Trade Name</u>	<u>Product Description</u>
ENVIROCOL™ BIO 20	Low Foaming Alkoxyate
ENVIROCOL™ BIO 28	Low Foaming Alkoxyate
ENVIROCOL™ BIO 47	Low Foaming Alkoxyate
ENVIROCOL™ BIO 62	Low Foaming Alkoxyate
ENVIROCOL™ BN 17	Low Foaming Alkoxyate
ENVIROCOL™ BN 36	Low Foaming Alkoxyate
ENVIROCOL™ BLP 18	Low Foaming Alkoxyate
ENVIROCOL™ BLP 37	Low Foaming Alkoxyate
ENVIROCOL™ BLM 17	Low Foaming Alkoxyate
ENVIROCOL™ BLM 24	Low Foaming Alkoxyate
ENVIROCOL™ BLM 34	Low Foaming Alkoxyate
ENVIROCOL™ BLM 39	Low Foaming Alkoxyate
ENVIROCOL™ BTD 15	Low Foaming Alkoxyate
ENVIROCOL™ BCS 43	Low Foaming Alkoxyate

## Alkyl Phenol Ethoxylates

<u>Product Name</u>	<u>Product Description</u>
ENVIRONOL™ NP-1.5	POE(1.5) Nonylphenol
ENVIRONOL™ NP-4	POE(4) Nonylphenol
ENVIRONOL™ NP-6	POE(6) Nonylphenol
ENVIRONOL™ NP-9	POE(9) Nonylphenol

## Alkyl Phenol Ethoxylates – Continued

<u>Product Name</u>	<u>Product Description</u>
ENVIRONOL™ NP-9.5	POE(9.5) Nonylphenol
ENVIRONOL™ NP-10	POE(10) Nonylphenol
ENVIRONOL™ NP-12	POE(12) Nonylphenol
ENVIRONOL™ NP-15	POE(15) Nonylphenol
ENVIRONOL™ NP-30/70	POE(30) Nonylphenol, 70% Active
ENVIRONOL™ NP-40/70	POE(40) Nonylphenol, 70% Active
ENVIRONOL™ NP-100	POE(100) Nonylphenol
ENVIRONOL™ NP-150	POE(150) Nonylphenol
ENVIRONOL™ OP-1.5	POE(1.5) Octylphenol
ENVIRONOL™ OP-3.5	POE(3.5) Octylphenol
ENVIRONOL™ OP-7.5	POE(7.5) Octylphenol
ENVIRONOL™ OP-10	POE(10) Octylphenol
ENVIRONOL™ OP-12	POE(12) Octylphenol
ENVIRONOL™ OP-30/70	POE(30) Octylphenol, 70% Active
ENVIRONOL™ OP-40/70	POE(40) Octylphenol, 70% Active

## Amides

<u>Product Name</u>	<u>Product Description</u>
ENVIRAMIDE™ CDEA	Cocamide Diethanolamine
ENVIRAMIDE™ CMEA	Cocamide Monoethanolamine
ENVIRAMIDE™ CMIPA	Cocamide Monoisopropylamine
ENVIRAMIDE™ LMEA	Lauramide Monoethanolamine
ENVIRAMIDE™ C-6	PEG-6 Cocamide
ENVIRAMIDE™ C-14	PEG-14 Cocamide

## Amine Ethoxylates

<u>Product Name</u>	<u>Product Description</u>
ENVIRAMINE™ CA-7.5	POE(7.5) Coco Amine
ENVIRAMINE™ CA-15	POE(15) Coco Amine
ENVIRAMINE™ TA-2	POE(2) Tallow Amine
ENVIRAMINE™ TA-5	POE(5) Tallow Amine
ENVIRAMINE™ TA-10	POE(10) Tallow Amine
ENVIRAMINE™ TA-15	POE(15) Tallow Amine
ENVIRAMINE™ TA-20	POE(20) Tallow Amine
ENVIRAMINE™ T2A-10	POE(10) Tallow Diamine
ENVIRAMINE™ SA-9	POE(9) Soya Amine
ENVIRAMINE™ SA-15	POE(15) Soya Amine
ENVIRAMINE™ HTA-5	POE(5) Hydrogenated Tallow Amine

## Amine Oxides

<u>Product Name</u>	<u>Product Description</u>
ENVIRAMOX™ L	Lauramine Oxide
ENVIRAMOX™ LP	Lauramidopropylamine Oxide

## Betaines

<u>Product Name</u>	<u>Product Description</u>
ENVIROTERIC™ CB 35	Coco Betaine, 35% Active
ENVIROTERIC™ CAPB 35	Cocamidopropyl Betaine, 35% Active
ENVIROTERIC™ LAPB 30	Laurylamidopropyl Betaine, 30% Active

## Block Copolymers

### Product Name

ENVIRANE™ L 61  
ENVIRANE™ L 62  
ENVIRANE™ L 62D  
ENVIRANE™ L 62LF  
ENVIRANE™ L 64  
ENVIRANE™ L 81  
ENVIRANE™ L 101

ENVIRANE™ P 65  
ENVIRANE™ P 84  
ENVIRANE™ P 85  
ENVIRANE™ P 103  
ENVIRANE™ P 104  
ENVIRANE™ P 105  
ENVIRANE™ P 123

ENVIRANE™ F 38  
ENVIRANE™ F 68  
ENVIRANE™ F 77  
ENVIRANE™ F 87  
ENVIRANE™ F 88  
ENVIRANE™ F 98  
ENVIRANE™ F 127

ENVIRANE™ WI 65

ENVIRANE™ WS 260  
ENVIRANE™ WS 660  
ENVIRANE™ WS 2000  
ENVIRANE™ WS 5100

ENVIRANE™ WT 1400

### Product Description

Block Copolymer, Liquid  
Block Copolymer, Liquid  
Block Copolymer, Liquid  
Block Copolymer, Liquid  
Block Copolymer, Liquid  
Block Copolymer, Liquid  
Block Copolymer, Liquid

Block Copolymer, Paste  
Block Copolymer, Paste  
Block Copolymer, Paste  
Block Copolymer, Paste  
Block Copolymer, Paste  
Block Copolymer, Paste  
Block Copolymer, Paste

Block Copolymer, Solid  
Block Copolymer, Solid  
Block Copolymer, Solid  
Block Copolymer, Solid  
Block Copolymer, Solid  
Block Copolymer, Solid  
Block Copolymer, Solid

Block Copolymer, Water Insoluble

Block Copolymer, Water Soluble  
Block Copolymer, Water Soluble  
Block Copolymer, Water Soluble  
Block Copolymer, Water Soluble

Block Copolymer, Water Thickener

## Methoxy Polyethylene Glycols

### Product Name

ENVIROPEG™ M350  
ENVIROPEG™ M550  
ENVIROPEG™ M750  
ENVIROPEG™ M1000  
ENVIROPEG™ M3000  
ENVIROPEG™ M5000

### Product Description

Methoxy Polyethylene Glycol  
Methoxy Polyethylene Glycol  
Methoxy Polyethylene Glycol  
Methoxy Polyethylene Glycol  
Methoxy Polyethylene Glycol  
Methoxy Polyethylene Glycol

## Oil Ethoxylates

### Product Name

ENVIRACID™ CO-5  
ENVIRACID™ CO-16  
ENVIRACID™ CO-25  
ENVIRACID™ CO-36  
ENVIRACID™ CO-40

ENVIRACID™ HCO-16  
ENVIRACID™ HCO-25  
ENVIRACID™ HCO-36  
ENVIRACID™ HCO-40

### Product Description

POE(5) Castor Oil Fatty Acid  
POE(16) Castor Oil Fatty Acid  
POE(25) Castor Oil Fatty Acid  
POE(36) Castor Oil Fatty Acid  
POE(40) Castor Oil Fatty Acid

POE(16) Hydrogenated Castor Oil Fatty Acid  
POE(25) Hydrogenated Castor Oil Fatty Acid  
POE(36) Hydrogenated Castor Oil Fatty Acid  
POE(40) Hydrogenated Castor Oil Fatty Acid

## Phosphate Esters

### Product Name

ENVIROPHOS™ H 66  
ENVIROPHOS™ DE 176

### Product Description

Hydrotrope Phosphate Ester  
POE(4) Decanol Phosphate Ester

## Phosphate Esters - Continued

<u>Product Name</u>	<u>Product Description</u>
ENVIROPHOS™ DE 264	POE(6) Decanol Phosphate Ester
ENVIROPHOS™ PNE 176	POE(4) Nonylphenol Phosphate Ester
ENVIROPHOS™ PNE 264	POE(6) Nonylphenol Phosphate Ester
ENVIROPHOS™ PNE 352	POE(8) Nonylphenol Phosphate Ester
ENVIROPHOS™ PNE 396	POE(9) Nonylphenol Phosphate Ester
ENVIROPHOS™ PNE 440	POE(10) Nonylphenol Phosphate Ester
ENVIROPHOS™ PNE 528	POE(12) Nonylphenol Phosphate Ester
ENVIROPHOS™ TDE 132	POE(3) Tridecanol Phosphate Ester
ENVIROPHOS™ TDE 264	POE(6) Tridecanol Phosphate Ester
ENVIROPHOS™ TDE 396	POE(9) Tridecanol Phosphate Ester

## Polyethylene Glycol Esters

<u>Product Name</u>	<u>Product Description</u>
ENVIROMOL™ 200 ML	PEG-4 Monolaurate
ENVIROMOL™ 400 ML	PEG-8 Monolaurate
ENVIROMOL™ 600 ML	PEG-12 Monolaurate
ENVIROMOL™ 400 DL	PEG-8 Dilaurate
ENVIROMOL™ 600 DL	PEG-12 Dilaurate
ENVIROMOL™ 300 MO	PEG-6 Monooleate
ENVIROMOL™ 400 MO	PEG-8 Monooleate
ENVIROMOL™ 300 DO	PEG-6 Dioleate
ENVIROMOL™ 400 DO	PEG-8 Dioleate
ENVIROMOL™ 400 MS	PEG-8 Monostearate
ENVIROMOL™ 2000 MS	PEG-40 Monostearate
ENVIROMOL™ 6000 DS	PEG-150 Distearate
ENVIROMOL™ 300 MOT	PEG-6 Monotallate
ENVIROMOL™ 300 DOT	PEG-6 Ditallate
ENVIROMOL™ 400 DOT	PEG-8 Ditallate
ENVIROMOL™ GC-7	PEG-7 Glyceryl Cocoate
ENVIROMOL™ GC-30	PEG-30 Glyceryl Cocoate
ENVIROMOL™ GC-40	PEG-40 Glyceryl Cocoate
ENVIROMOL™ GS-20	PEG-20 Glyceryl Stearate

## Polyethylene Glycols

<u>Product Name</u>	<u>Product Description</u>
ENVIROPEG™ E200	Polyethylene Glycol
ENVIROPEG™ E200 LM	Polyethylene Glycol, Low Moisture
ENVIROPEG™ E300	Polyethylene Glycol
ENVIROPEG™ E300 LM	Polyethylene Glycol, Low Moisture
ENVIROPEG™ E400	Polyethylene Glycol
ENVIROPEG™ E400 LM	Polyethylene Glycol, Low Moisture
ENVIROPEG™ E600	Polyethylene Glycol
ENVIROPEG™ E600 LM	Polyethylene Glycol, Low Moisture
ENVIROPEG™ E1000	Polyethylene Glycol
ENVIROPEG™ E1450	Polyethylene Glycol
ENVIROPEG™ E1500	Polyethylene Glycol
ENVIROPEG™ E2000	Polyethylene Glycol
ENVIROPEG™ E3350	Polyethylene Glycol
ENVIROPEG™ E4000	Polyethylene Glycol
ENVIROPEG™ E6000	Polyethylene Glycol
ENVIROPEG™ E8000	Polyethylene Glycol
ENVIROPEG™ E20,000	Polyethylene Glycol

## Polypropylene Glycols

<u>Product Name</u>	<u>Product Description</u>
ENVIROPOL™ P425	PPG-9
ENVIROPOL™ P1000	PPG-17
ENVIROPOL™ P1200	PPG-20
ENVIROPOL™ P2000	PPG-26
ENVIROPOL™ P4000	PPG-30

## Polysorbates

<u>Product Name</u>	<u>Product Description</u>
ENVIROTAN™ TW 20	POE(20) Sorbitan Monolaurate
ENVIROTAN™ TW 28	POE(80) Sorbitan Monolaurate
ENVIROTAN™ TW 40	POE(20) Sorbitan Monopalmitate
ENVIROTAN™ TW 60	POE(20) Sorbitan Monostearate
ENVIROTAN™ TW 62	POE(40) Sorbitan Diisostearate
ENVIROTAN™ TW 80	POE(20) Sorbitan Monooleate
ENVIROTAN™ TW 81	POE(5) Sorbitan Monooleate
ENVIROTAN™ TW 85	POE(20) Sorbitan Trioleate

## Quaternary Ammonium Compounds

<u>Product Name</u>	<u>Product Description</u>
ENVIROQUAT™ CB 50	Coco Dimethyl Benzyl Ammonium Chloride, 50% Active
ENVIROQUAT™ CB 80	Coco Dimethyl Benzyl Ammonium Chloride, 80% Active
ENVIROQUAT™ DEQ 90	Diester Tallowate Ammonium Chloride, 90% Active
ENVIROQUAT™ S 73	Soya Trimethyl Ammonium Chloride, 73% Active
ENVIROQUAT™ 2C 75	Dicoco Alkyl Dimethyl Ammonium Chloride, 75% Active
ENVIROQUAT™ 2HT 75	Dihydrogenated Tallow Alkyl Dimethyl Ammonium Chloride, 75% Active
ENVIROQUAT™ 2HT 83	Dihydrogenated Tallow Alkyl Dimethyl Ammonium Chloride, 83% Active

## Sorbitan Esters

<u>Product Name</u>	<u>Product Description</u>
ENVIROTAN™ SP 20	Sorbitan Monolaurate
ENVIROTAN™ SP 40	Sorbitan Monopalmitate
ENVIROTAN™ SP 60	Sorbitan Monostearate
ENVIROTAN™ SP 65	Sorbitan Tristearate
ENVIROTAN™ SP 80	Sorbitan Monooleate
ENVIROTAN™ SP 83	Sorbitan Sesquioleate

## Sultaines

<u>Product Name</u>	<u>Product Description</u>
ENVIROTERIC™ CHS 50	Cocamidopropyl Hydroxysultaine, 50% Active



**Corporate Headquarters**

**Environmental Fluids USA, LLC**

4241 N. Winfield Scott Plaza

Scottsdale, AZ 85251

(480) 945-8400

**Samples: 480-945-8400**

**[www.efmaterials.com](http://www.efmaterials.com)**