

**180-A1 APPROVED PRODUCT LIST**  
**Chemical Raw Materials**  
**Revised 05/04/2009**

<b>Texas Specification No.</b>	<b>Title</b>	<b>Manufacturer</b>	<b>Brand or Trade Name</b>
<b>180-02-02B</b>	Pumice, Ground (TCI Code C-043)	American Pumice Company	Navajo FF
		Axtell Mining Corporation	#105 Ingham
<b>180-02-04</b>	Calcium Carbonate (TCI Code C-044)	EECI	Micro White 100
		J. M. Huber Corporation	Hubercarb-G 260
<b>180-04-02B</b>	Phosphoric Acid, 85%, Technical (TCI code C038)	Rhodia	Phos PH Acid
		Astaris	Phosphoric Acid
<b>180-08-01C</b>	Isopropyl Alcohol, Anhydrous (TCI Code 028)	Exxon Chemical	Isopropyl Alcohol,
		Company, Intermediates Dept.	Anhydrous
		Shell Chemical Company	Isopropyl Alcohol, Anhydrous
		Union Carbide Corporation	Isopropyl Alcohol, Anhydrous
<b>180-12-04A</b>	Monoethanolamine (MEA) (TCI Code C-095)	Dow Chemical, U.S.A.	Monoethanolamine
		Occidental Chemical	Monoethanolamine
		Huntsman Chemical Company	Monoethanolamine
		Union Carbide Corporation	Monoethanolamine
<b>180-12-07A</b>	Diethanolamine (DEA), 99%, Commercial Grade (TCI Code C-097)	Dow Chemical U.S.A.	Diethanolamine - Commercial Grade
		Occidental Chemical Corporation	Diethanolamine
		Huntsman Chemical Company	Diethanolamine, DEA
		Union Carbide Corporation	Diethanolamine
<b>180-12-90</b>	Polyethelene Emulsion - Nonionic (TCI Code C-002)	CCP	ESI-CRYL 4435
<b>180-24-02B</b>	Sodium Carbonate (Soda Ash), Anhydrous (TCI Code C-050)	Solvay	Soda Ash
		North American Chemical Company	Dense Soda Ash
		OCI Chemical Corporation	Dense Soda Ash
<b>180-24-03B</b>	Sodium Sesquicarbonate (TCI Code C-058)	Astaris	Sodium Sesquicarbonate
		FMC	Sesqui
<b>180-30-01A</b>	Brightener, Fluorescent (TCI Code C-008)	3 V - Inc.	Optiblanc 2M/G-3V
<b>180-34-01C</b>	Sequestering Agent - EDTA Tetrasodium Salt (TCI Code C-023)	CIBA - Geigy Corporation, Dyestuffs and chemicals Division	Sequestrene 220
		Dow Chemcial U.S.A.	Versene Powder #90609- C1Versene 220 Crystals

		AKZO Nobel	Dissolvine
		Nippon Corporation	Tetrasodium EDTA, 99%, (LIDOQUEST 4NA)
<b>180-36-01C</b>	Chlorine Carrier, Organic, Sodium Dichloroisocyanurate (Sodium Dichloro-s- Triazinetrione) (TCI Code C-009)	Occidental Chemical Corporation	ACL-60 Extra Granular
		Clearon Corporation	CDB-63
		Shikoku International Corporation	NEO-CHLOR 60
<b>180-48-10B</b>	Fatty Acid, Coconut (TCI Code C-087)	Henkel Chemical Corporation, Emery Group	Emery 622
		Crompton	Industrene 325
		Procter & Gamble Distributing Company	C-110
<b>180-48-11A (Grade A)</b>	Soap Base, Tallow-Coconut, Particulate Form (TCI Code C-099)	Armour-Dial Company	Low Moisture Soap Base pellets
		Lever Brothers Company, Government Industrial Division	L.T. Soap
		Original Bradford Soap Works, Inc.	Taurus 134 Base
		Valley Products Co.	Valpure 8515TC Plus
		Dalan Kimya Endustri.A.S., Turkey	Celeritas CCSBT03
		VVF Illinois Services, LLC for Twincraft Soap	215AV #724496
<b>180-54-02B</b>	Foam Stabilizer-Coco Diethanolamide (TCI Code C-012)	ChemCor	Chemterge SA 100
		Finetex, Inc.	Aminol Cor-4
		Henkel Chemical Corporation, Chemical Specialty Group	Emid 6514
		Henkel Chemical Corporation	Nitrene C Extra
		Pilot Industries of Texas, Inc.	Calamide C
		Goldschmidt	Varamide MA-1
		Stepan Chemical Company	Ninol 40CO
		Crompton	Witcamide 128T
<b>180-58-02B</b>	Sodium Hydroxide (Caustic Soda) Liquid, 50% (TCI Code C-054)	BASF Corporation, Chemicals Division	Caustic Soda 50%
		Dow Chemical U.S.A.	Caustic Soda 50%
		Occidental Chemical Corporation	Caustic Soda, Diaphragm Grade
		Olin Chemicals	Caustic Soda 50%
		PPG Industries, Inc.	Caustic Soda 50%

		Vulcan Materials Company, Chemical Division	Caustic Soda 50%
<b>180-62-90</b>	Acrylic Copolymer (TCI Code C-001)	CCP	ESI-CRYL PLS
<b>180-66-01C</b>	Mineral Oil, Technical Grade, Naphthenic Base (TCI Code C-084)	Exxon Company, U.S.A.	Coray 15
		Lyondell Petroleum Company	Tufflo Process Oil 100
		Shell Oil Company	Carnea E 15
<b>180-66-02B</b>	Non-aromatic, High Boiling (TCI Code C-110)	Exxon	ISOPAR M
<b>180-74-02B</b>	Monosodium Phosphate (MSP), Anhydrous (TCI Code C-032)	Rhodia	Monosodium Phosphate
		Gadot Chemical	Technical-MSP
<b>180-74-03C</b>	Sodium Tripolysphosphate, (STPP), Anhydrous (TCI Code C-061)	Rhodia	Sodium Tripolysphosphate
		Astaris	Sodium Tripolysphosphate
		Quimir	Sodium Tripolysphosphate
		Somers Chemical Company	STPP-Anhydrous
		Monsanto/Solutia	Sodium Tripolysphosphate, Anhydrous, High TR
		Summit Chemicals, Inc.	Sodium Tripolysphosphate -STPPL
<b>180-74-04B</b>	Tetrapotassium Pyrophosphate (TKPP) (TCI Code C-072)	Rhodia	Tetrapotassium Pyrophosphate
		Astaris	Tetrapotassium Pyrophosphate
<b>180-74-07A</b>	Trisodium Phosphate (TSP-A), Anhydrous (TCI Code C-094)	Rhodia	Trisodium Phosphate-A
<b>180-79-03A</b>	Dimethyl Distearyl Ammonium Chloride (TCI Code C-020)	Lonza	Bardac 208M
<b>180-84-02C</b>	Sodium Metasilicate, Anhydrous (TCI Code C-056)	Crosfield Chemicals, Inc.	Drymet 59
		Occidental Chemical Corporation	S-25
		Atochem North America	Sodium Metasilicate, Anhydrous
		The PQ Corporation	Metso Beads 2048
<b>180-86-01C</b>	Sodium Carboxymethylcellulose (CMC) (TCI Code C-051)	Aqualon Company	CMC-7TL
		AKZO Dreeland Colloids Inc.	CMC DL-65D
		CMC Carbose Corporation	Carbose D-65
		Morinco	CMC ST-5
		AMTEC	Sodium CMC
<b>180-88-02B</b>	Ethylene Glycol Monobutyl Ether (TCI Code C-096)	Dow Chemical U.S.A.	Dowanol EB
		Eastman Chemical Products, Inc.	Ektasolve EB
		Shell Chemical Company	Butyl Oxitol

		Union Carbide Corporation	Butyle Cellosolve
		Occidental Chemical Corporation	Ethylene Glycol Monobutyl Ether
<b>180-90-01C</b>	Sodium Sulfate, Anhydrous (TCI Code C-060)	IMC Chemical Inc.	Sodium Sulfate, Anhydrous
		Astaris	Sodium Sulfate, Anhydrous
<b>180-91-01A</b>	Surfactant, Amphoteric - Dihydroxyethyl Tallow Glycinate (TCI Code C-014)	Goldschmidt	Varion TEG
<b>180-92-02B</b>	Surfactant, Anionic - Sodium Linear Alkyl Aryl Sulfonate (TCI Code C-117)	Condea	Marlon A396
		Quimica Nobleza	Sodium Linear Alkyl Benzene Sulfonate
		Pilot Industries of Texas, Inc.	Calsoft F-90
		Crompton	Witcoate 90 Flakes
		Unger	Ufaryl DL 90C
		Stepan	Nacconol 90G or 90WC
<b>180-92-06C</b>	Surfactant, Anionic - Ammonium - Alkyl Polyether Sulfate (TCI Code C-064)	Pilot Industries of Texas, Inc.	Calfoam EA -603
		Stepan	STEOL - CA-460
<b>180-92-10C</b>	Surfactant, Anionic - Aromatic Phosphate Ester (TCI Code C-065)	Titan Chemical Corporation	TC-234
		Crompton	Emphos TS-230
		Chemcor	Phoschem 10
<b>180-92-11B</b>	Surfactant, Sodium Xylenesulfonate (40% Active) (TCI Code C-062)	Continental Chemical Company	CONCO SXS
		Pilot Industries of Texas, Inc.	Pilot SXS-40
		Ruetgers-Nease Chemical Company, Inc.	Naxonate 4L
		Stepan Company, Surfactant Department	Stepanate SXS
		Crompton	Witconate SXS
<b>180-92-12B</b>	Surfactant - Linear Alkylate Sulfonic Acid (TCI Code C-083)	Condea	Linear Alkyl Benzene Sulfonic Acid
		Pilot Industries of Texas, Inc.	Calsoft LAS-99
		Quimica Nobleza	Linear Alkylate Benzene Sulfonic Acid
		Shell Chemical Company	LAS
		Stepan Company	Bio Soft S-101
		Crompton	Witco 1298 Soft Acid
		Crompton	Witconate 99 LS Acid
		Unger	Ufacid K
<b>180-92-13A</b>	Surfactant, Anionic- Sodium Cocyl Isethionate (TCI Code C-121)	Finetex Inc.	Tauranol I-78 (78% Active)

<b>180-92-14A</b>	Surfactant, Anionic - Sodium Alpha Olefin Sulfoante (40%) (TCI Code C-119)	Henkel Corporation	Sulfotex AOS
		Pilot Industries of Texas, Inc.	Calsoft AOS-40
		Stepan Company	BIO-TERGE AS-40
		Crompton	Witconate AOS
<b>180-92-15A</b>	Surfactant, Anionic – Aliphatic Phosphate Ester (TCI Code C-070)	BASF	Klearfac AA270
		ChemCor	Phoschem 600
		ESI	Terge-320
		Titan Chemical Corporation	TC-300
		Crompton	Emphos PS-236
		Stepan	CEDEPHOS FA-600
<b>180-92-16</b>	Anionic Surfactant Blend of Witcodet AE Concentrate (TCI Code C-122)	Stepan	Stepanol PB
<b>180-93-01B</b>	Surfactant, Nonionic, Low Foaming Liquid (TCI Code C-013)	BASF Corporation, Chemicals Division	Plurafac RA-30
		Olin Chemicals	Poly-Tergen S405LF
		Union Carbide	Triton CF-54
		Cooperation, Chemicals & Plastics	
		Huntsman Chemical Company	Surfonic LF-17
		Crompton	Witconol-172
		<b>180-93-02B</b>	Surfactant, Nonionic, Nonylphenoxy Ethanol (Alkylphenol Ethoxylate) (TCI Code C-069)
Olin Corporation	Poly Tergent B-300		
Stepan Company	Makon 10		
Huntsman Chemical Company	Surfonic N-95		
Union Carbide Corporation	Tergitol NP-9		
Crompton	Witconol NP-100		
<b>180-93-03B</b>	Surfactant, Nonionic - Linear Primary Alcohol Ethoxylate (TCI Code C-098)	Tomah Chemical Company	TOMADOL 23-6.5
		Huntsman Chemical Company	Surfonic L24-7
		Vista Chemical Company	ALFONIC 1412-60
		Stepan	BIO-SOFT N 23-6.5
<b>180-94-01B</b>	Titanium Dioxide - Anatase (TCI Code C-074)	Ciech-Plastofarb	TYPANPOL A-11
		Kronos Inc.	Titanox 1000
		SCM Chemicals	TiONA RGM