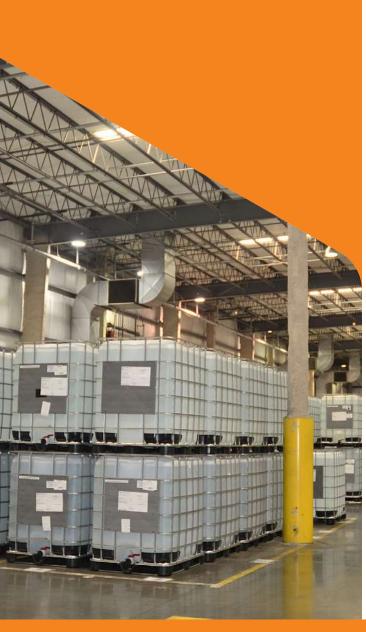


Your local supplier of the broadest product portfolio offering superior service and reliability





In your business, it's critical for you to have the right chemicals, in the right place and at the right time



In today's dynamic market it's important that you work with someone who knows your business. You need local experts who have access to an unmatched global portfolio of high-quality products powered by an industry-leading supply chain.

Univar Solutions has you covered

At the heart of what we do lies our ability to truly get to know you and your business, giving you peace of mind that only comes from a close working relationship with someone you trust. From small custom batch orders to regularly scheduled bulk deliveries, personalized attention from our team can help ease the buying process. Longtime relationships with leading local and global suppliers of more than 6,000 products means our supply chain has you covered, driving efficiencies from which you can benefit.

We're local to you and the entire nation

Local expertise is found at every level. All of our 140 warehouses and distribution centers across USA and Canada, including those near you, are equipped with their very own fleets, capabilities, and dedicated drivers. For years, they have safely and reliably serviced the asks and requirements of all the customers in their local area.

We want to be your valuable and trustworthy partner

For your business, relationships matter. When it comes to your business, you can count on our relationship-based approach—we work with you personally at every point, including:

- Teams of account managers, product managers, quality control specialists, and drivers who know you and your market and truly know your business.
- Responsive and reliable customer care professionals to whom you can talk directly about delivering what you need, when you need it.
- Distribution centers that are designed to function as an extension of your operations for warehousing, blending, and packaging.
- Technical experts who respond to your non-routine questions and challenges.

We have the capabilities your business needs

- 140 branches across the U.S. and Canada, each one equipped to serve its local market.
- Private fleet of trucks and railcars providing safe and timely deliveries.
- Growing portfolio of more than 6,000 chemicals and ingredients.
- Proven reliability and quality service at every touch point.
- Blending, packaging, warehousing, and other services to support your business.

Our unmatched chemical and ingredient portfolio covers almost every need your business has from commodity chemicals to solvents, silicones, oleochemicals, and many more.

CHELANTS Disodium EDTA dihydrate EDTA acid crystalline powder Pentasodium salt of DTPA Tetrasodium EDTA Tetrasodium EDTA tetrahydrate Trisodium nitrilotriacetate Trisodium salt of HEDTA Trisodium salt of methylglycinediacetic **ESSENTIAL CHEMICALS & INGREDIENTS** Activated carbon Adipic acid Alumino silicates Aluminum Aluminum hydroxide Aluminum oxide Aluminum sulfate Ammonia anhydrous Ammonium acetate Ammonium bicarbonate Ammonium bifluoride Ammonium bisulfite Ammonium carbonate Ammonium chloride Ammonium hydroxide (aqua ammonia) Ammonium lactate Ammonium nitrate Ammonium persulfate Ammonium sulfate Ammonium thiosulfate Ascorbic acid Barium sulfate Benzenediol Benzoic acid Borax 10 mol Borax 5 mol Borax 8 mol Boric acid Boric acid Boron trifluoride complex Butylated arenes Calcium acetate Calcium carbonate

Calcium chloride
Calcium formate
Calcium hydroxide (lime)

ESSENTIAL CHEMICALS & INGREDIENTS (cont.)
Calcium lactate
Calcium nitrate
Calcium oxide
Calcium propionate
Calcium silicate
Calcium stearate
Calcium sulfate
Canola oil
Castor oil
Caustic potash (solution, solid)
Caustic soda (solution, solid)
Chlorine
Chromic acid
Citric acid (solution, solid)
Clays
Cobalt chloride
Coconut oil
Copper
Copper sulfate
Dequest
Diammonium phosphate (DAP)
Diatomaceous earth
Dichlorobenzene
Dipentene
Dipotassium phosphate (DKP)
Disodium phosphate (DSP)
D-limonene
Erythorbic acid
Ethanedial
Ethyl lactate
Ferric chloride
Ferric sulfate
Ferrous chloride
Ferrous sulfate
Fertilizers
Formaldehyde
Fuel additives
Fumaric acid
Fumed silica
Gluconic acid
Glycolic acid
Guar gum
Hydrochloric acid
Hydrofluoric acid
Hydrogen peroxide

Hydroquinone

ESSENTIAL CHEMICALS & INGREDIENTS (cont.)
Hydroxylamine sulfate
Igneous rocks
Iron oxide
Lead nitrate
Linseed oil
Magnesium carbonate
Magnesium chloride
Magnesium citrate
Magnesium oxide
Magnesium stearate
Magnesium sulfate
Maleic anhydride
Malic acid
Manganese oxide
Microcrystalline waxes
Monochlorobenzene
Monosodium phosphate (MSP)
Nitric acid
Nonylphenol
Orange oil
Orange terpenes
Organic peroxides
Organic sulfides
Organosulfur acids
Oxalic acid
Palm kernel oil
Pentaerythritol
Phosphonates (ATMP, HEDP, DTPMPA)
Phosphoric acid
Phosphorous acid
Phthalic anhydride
Pine oil
Polyesters
Potassium acetate
Potassium aluminum sulfate
Potassium benzoate
Potassium bicarbonate
Potassium carbonate
Potassium chloride
Potassium citrate
Potassium hydroxide (solution, solid)
Potassium iodide
Potassium nitrate
Potassium persulfate
Potassium silicate
Potassium sorbate

ESSENTIAL CHEMICALS & INGREDIENTS	ESSENTIAL CHEMICALS & INGREDIENTS	OLEOCHEMICALS (cont.)
(cont.)	(cont.)	Isostearic acid
Potassium sulfate	Sulfones	Kraton distilled tall oil
Potassium tripolyphosphate (KTPP)	Sulfur	Kraton tall oil fatty acids
Salt	Sulfur dioxide	Lauric C12
Sebacic acid	Sulfuric acid	Lauryl alcohol C12
Silica	Talc	Lauryl myristyl alcohol C12/14
Silica gel	Tartaric acid	Linoleic acid
Soda ash	Tartrates	Methyl canolate
Sodium acetate	Tertiary butyl catechol	Methyl esters
Sodium acid pyrophosphate (SAPP)	Tetrapotassium pyrophosphate (TKPP)	Methyl laurate
Sodium aluminate	Tetrasodium pyrophosphate (TSPP)	Methyl oleate
Sodium benzoate	Thiourea	Methyl palmitate
Sodium bicarbonate	Titanium	Methyl soyate
Sodium bisulfate	Trisodium phosphate (TSP)	Mono esters
Sodium bisulfite	Turpentine	Myristic acid C14
Sodium bromate	Urea	Myristyl alcohol C14
Sodium carbonate	Xanthan gum	Naval store tackifiers
Sodium chlorate	Zinc chloride	N-Butyl stearate
Sodium chloride	Zinc oxide	Octyl alcohol C8
Sodium chlorite	Zinc stearate	Octyl decyl alcohol C8/10
Sodium chromates	Zinc sulfate	Oleic acid food grade, kosher, and halal
Sodium citrate	OLEOCHEMICALS	Oleic acid high purity (80% - 90%)
Sodium cyanide	Alfol linear alcohols (Sasol) C6 - C20+	Oleic acid tallow derived
Sodium diacetate	Behenic acid	Oleic acid vegetable derived
Sodium erythorbate	Capric C10	Palmitic acid C16
Sodium formate	Caprylic C8	Pamolyn fatty acid
Sodium glucoheptonate	Caprylic/Capric C8/10	Pamolyn linoleic acid
Sodium gluconate	Century monomer acid	Pamolyn oleic acid
Sodium hexamataphopshate (SHMP)	Cetyl alcohol C16	Pelargonic acid C9
Sodium hydroxide (solution, solid)	Cetyl stearyl alcohol C16/18	Polyethylene glycol esters (PEG)
Sodium hypochlorite (bleach)	Decyl alcohol C10	Polyol esters
Sodium hypophosphite	Diesters	Stearic acid (tallow based)
Sodium lactate	Dimer fatty acid	Stearic acid (vegetable based)
Sodium metasilicate	Erucic acid	Stearic acid double pressed
Sodium methylate	Fatty acid canola	Stearic acid food grade, kosher, and halal
Sodium molybdate	Fatty acid isostearic	Stearic acid high purity
Sodium nitrate	Fatty acid monomer	Stearic acid low IV
Sodium perborate	Fatty acid palm	Stearic acid rubber grade
Sodium percarbonate	Fatty acid palm kernel	Stearic acid single pressed
Sodium persulfate	Fatty acid polyunsaturated	Stearic acid triple pressed
Sodium propionate	Fatty acid ricinoleic	Stearyl alcohol C18
Sodium sesquicarbonate	Fatty acid soya	Sylfat™ tall oil fatty acids (TOFA)
Sodium silicate	Fatty acid sunflower	Sylvatal distilled tall oil (DTO)
Sodium sulfate	Fatty acid tallow	Tall oil fatty acid (TOFA) performance
Sodium sulfide	Fatty acid trimer	blends
Sodium sulfite	Fatty acids coconut	Tall oil pitch
Sodium thiocyanate	Fatty alcohols C8 to C20+	Timer acid
Sodium thiosulfate	Glycerin, organic	Unidyme dimer acids
Sodium tripolyphosphate (STPP)	Glycerine, 99.7% refined	SILICONES
Sorbic acid	Glycerine, synthetic	Silanes
Soybean oil	Glycerine, tech, USP, kosher, non-GMO	Silicone antifoams
Succinic acid	Glycerol esters	Silicone dispersions
Sulfamic acid	Glycerol monoleate	Silicone elastomer
	organist monotcate	

SILICONES (cont.)	SOLVENTS (cont.)	SOLVENTS (cont.)
Silicone emulsion	Diethyl phthalate (DEP)	Glacial acrylic acid (GAA)
Silicone fluids	Diethylamine (DEA)	Glacial methacrylic acid (GMAA)
Silicone resins	Diethylenetriamine (DETA)	Glycol ether DB
Silicone surfactants	Diethylethanolamine (DEEA)	Glycol ether DB acetate
SOLVENTS	Diisobutyl ketone	Glcyol ether DE
1,3-butylene glycol	Diisobutyl phthalate (DIBP)	Glycol ether DE acetate
1,4 butanediol	Diisodecyl phthalate (DIDP)	Glycol ether DH
2-(2-aminoethoxy) ethanol (ADEG, DGA)	Diisononyl phthalate (DINP)	Glycol ether DM
2-ethylhexanoic acid	Diisopropanolamine (DIPA)	Glycol ether DM jet fuel
2-ethylhexanol	Diisopropylamine (DIPA)	Glycol ether DP
2-ethylhexyl acetate	Dimethyl acetamide	Glycol ether DPM
2-ethylhexyl acrylate (2-EHA)	Dimethyl acetoacetamide (DMAA)	Glycol ether DPM acetate
2-ethylhexylamine (2-EHA)	Dimethyl carbonate (DMC)	Glycol ether DPNB
2-pyrrolidone	Dimethyl formamide (DMF)	Glycol ether DPNP
3-methoxypropylamine (MOPA)	Dimethyl phthalate (DMP)	Glycol ether EB
Acetic acid glacial	Dimethyl sulfoxide (DMS0)	Glycol ether EB acetate
Acetic anhydride	Dimethylamine (DMA)	Glycol ether EEH
Acetone	Dimethylethanolamine 99% (DMEA)	Glycol ether EH
Acetonitrile	Di-N-propylamine (DNPA)	Glycol ether EM
Acetyl acetone	Dioctyl adipate (DOA)	Glycol ether EP
Acetyl tributyl citrate (ATBC)	Dioctyl phthalate (DOP)	Glycol ether EPH
Admex™ polymeric plasticizers	Dioctyl terephthalate (DOTP)	Glycol ether PE
Alpha-Methylstyrene	Dipropylamine (DPA)	Glycol ether PM
Ambitrol™ CN	Dipropylene glycol	Glycol ether PM acetate
Ambitrol™ FL 50 Dow	Dipropylene glycol dimethyl ether	Glycol ether PNB
Aminoethylethanolamine 99% (AEEA)	Dipropylene gycol lo plus	Glycol ether PNP
Aminoethylpiperazine (AEP)	D-limonene	Glycol ether PPH
Aromatic 100	DOT brake fluids	Glycol ether TB
Aromatic 150	DowFrost™	Glycol ether TE
Aromatic 150 ND	DowFrost™ HD	Glycol ether TM
Aromatic 200	DowTherm™ 4000	Glycol ether TPM
Aromatic 200 ND	DowTherm™ SR1	Glycol ether TPNB
Benzoflex™ dibenzoate plasticizers	Eastman 168™	GTL (gas-to-liquid) solvents
Benzyl alcohol	Eastman Texanol™ ester alcohol	Haltanol
Butanol - normal	Eastman TXIB™	HB-40 plasticizer
Butanol - secondary	Epoxidized soybean oil (ESO)	Heptane
Butyl acrylate (BA)	Ester solvent EEP	Heptanoic acid
Butyl propionate	Ethanol - denatured (SDA)	Hexamoll® DINCH
Butylamine (MNBA)	Ethanol - pure	Hexane
Butylethanolamine (BEA)	Ethyl acetate	Hexasol
C-11 ketone	Ethyl acetoacetate	Hexylene glycol
Citrofol® citrate plasticizers	Ethyl acrylate (EA)	HiSol 10
Cyclohexane	Ethylbenzene	HiSol 15
Cyclohexanone	Ethylene glycol	Isobutanol
Cyclohexylamine (CHA)	Ethylene glycol diacetate	Isobutyl acetate
Diacetone alcohol	Ethylenediamine 99% (EDA)	Isobutyl acetate Isobutyl carbinol (MIBC)
Diallyl phthalate (DAP)	Exxal™ alcohols (branched alcohols)	Isobutyl isobutyrate
Dibasic ester / dimethyl ester	Exxsol™ fluids	Isohexane
Dibutyl phthalate (DBP)	Formamide	Isonexane Isononanoic acid
	Formic acid	
Dibutylamine (DBA)	Furfural	Isononylamine (INA)
Dicyclohexylamine (DCHA) Diethanolamine (DEA)		Isopar™ fluids
	Furfuryl alcohol	Isophorone Isophorone
Diethyl ketone	Gamma butyrolactone	Isopropanol (IPA)

SOLVENTS (cont.)		
Isopropanolamine (IPA)	SOLVENTS (cont.)	SURFACTANTS (cont.)
Isopropyl acetate	Plastomoll [™] plasticizers	Ethylene oxide/Propylene oxide block
Isopropylamine (MIPA)	Polyethylene glycol, liquid (PEG)	co-polymers
Isopropylethanolamine (IPAE)	Polyethylene glycol, solid (PEG)	Hydrotropes
Kerosene	Polypropylene glycol, liquid (PPG)	Isethionates
K-Flex® benzoate plasticizers	Primary amyl acetate	Naphthalene sulfonate
Kwik Dri mineral spirits	Primary amyl alcohol	Nonylphenol ethoxylates
Lacolene	Propargyl alcohol	Octylphenol ethoxylates
Low odor base solvent	Propionic acid	Phosphate esters
LVP 100, 200, 300 VOC exempt solvents	Propyl propionate	Polymers
Methanol	Propylene carbonate	Registered and unregistered quats
Methoxylpolyethylene glycol (MPEG)	Propylene glycol	Sarcosinates
Methyl acetate	Santicizer® plasticizers	Sorbitan derivatives
Methyl acrylate (MA)	Soltrol® isoparaffin solvents	Specialty ethoxylates
Methyl amyl alcohol / methyl	Solvent 142	Sulfates
Methyl ethyl ketone (MEK)	Styrene	Sulfonates
Methyl isoamyl ketone (MIAK)	Styrene allyl alcohol	Sulfosuccinates
Methyl isobutyl ketone (MIBK)	Susterra® propanediol	Sultaines
Methyl methacrylate (MMA)	Tert-butylamine (TBA)	Taurates
Methyl normal amyl ketone	Tertiary butyl acetate (TBAc)	WATER TREATMENT
Methyl normal propyl ketone	Tertiary butyl alcohol 99%	Acetic acid
Methyl tertiary butyl ether (MTBE)	Tetraethylene glycol	Acrylic acid
Methyldiethanolamine (MDEA)	Tetraethylenepentamine (TEPA)	Activated carbon
Methylene chloride	Tetrahydrofuran (THF)	Adsorbents
Mineral seal oil	Tetrahydrofurfuryl alcohol	Alcohols
Mineral spirits <1%	Therminol	Alum
Mineral spirits non-exempt	Toluene	Aluminum chloride
Mineral spirits rule 66	Triacetin	Aluminum chloride solutions
Monoamylamine (MAA)	Tributylamine (TBA)	Aluminum chlorohydrate
Monoethanolamine (MEA)	Trichloroethylene	Aluminum sulfate
Monoisopropanolamine (MIPA)	Triethanolamine (TEA)	Ammonia and nitrogen sources
Morpholine	Triethylamine (TEA)	Ammonium hydroxide 19%, 26%
MP diol glycol	Triethylene glycol	Ammonium sulfate
Napthenic oils	Triethylenetetramine (TETA)	Ammonium sulfate 40%
N-butyl acetate	Triisopropanolamine (TIPA)	Anhydrous ammonia
Neodecanoic acid	Trioctyl trimellitate (TOTM)	Anionic polymers
Neopentanoic acid	Tripropylene glycol	Anionic/non-ionic/cationic
Neopentyl glycol	UCAR™ filmer IBT	Anthracite
N-ethyl pyrrolidone (NEP)	Varsol™ fluids	Antifoulants
N-Heptane	Vinyl toluene	Antiscalant blends
N-methyl pyrrolidone (NMP)	VM&P naphtha	Antiscalants
Nonylphenol	Xylene	Aqua ammonia
N-propanol	Xylene ortho tech	Ascorbic acid
N-propyl acetate	SURFACTANTS	BCDMH
N-vinyl pyrrolidone	Alkanolamides	Bentonite clay
Odorless mineral spirits	Alkoxylates (non-blocks)	Benzotriazole
Optifilm™ enhancer	Alkyldiphenyloxide disulfonate	Biofirm bacterial removal
Palamoll™ polymeric plasticizers	Amide and ester quats	Biological fouling treatment
Palatinol® plasticizers	Amine ethoxylates	Bio-Neutralizer® tablets
Parachlorobenzotrifluoride (PCBTF)	Amine oxides	Bio-Sanitizer® tablets
Paraffinic oils	APGs	Bleach
Pentane	Betaines	Blended phosphates
Pentyl propionate	Esters	Calcium chloride
Perchloroethylene		Calcium hydroxide
. J. onto. oothytono		

WATER TREATMENT (cont.)	WATER TREATMENT (cont.)	WATER TREATMENT (cont.)
Calcium hydroxide/slaked lime	Glycerin	Phosphonates PBTC
Calcium hypochlorite	Greensand Plus™	Phosphoric acid
Calcium nitrate	Homopolymers	Polyaluminum chloride
Calcium polysulfide	Hydrated lime	Polyamine
Carbamates/DTC	Hydrazine	Potassium hydroxide
Carbohydrazide	Hydrochloric acid	Potassium permanganate
Carboxylic acid	Hydrofluosilicic acid (HFS)	Potassium phosphates
Catalyzed sodium sulfite	Hydrogen peroxide	Quaternary ammonium compounds
Cationic polymers	Hydroxides	Quick lime (calcium oxide)
Caustic potash	Inorganic/organic coagulant blends	Resin amines
Caustic soda	lon exchange resins	Resins
Caustic soda/sodium hydroxide	Isothiazolin	Salt
Celatom®	Justeq07	Salt pellets
Chlorine	Lime	Silicates
Chlorine dioxide precursors	Lime slurry	Sodium acetate
Chlorine tablets	Liquid permanganate	Sodium aluminate
Citric acid	Magnesium bisulfite	Sodium bicarbonate
Clean-in-place (CIP) cleaners	Magnesium chloride	Sodium bisulfate
	Magnesium hydroxide	Sodium bisulfite
Conglument		Sodium bisulfite solution
Copolymers	Magnesium sulfate	Sodium bisulfite solution Sodium bromide
Copper sulfate	Magrabar® antifoams Maleic acid	
Cortec®		Sodium carbonate
Countervailents	Methanol O™	Sodium chloride
Cyclohexylamine	Methanol MicroC™	Sodium chlorite
DADMAC	Methoxypropylamine - MOPA	Sodium erythorbate
DBNPA	Microbiocides	Sodium fluoride
De-Chlor tablets	MicroC®	Sodium hexametaphosphate
Defoamers	Mineral acids	Sodium hydrosulfide
Deionized (DI) water	Mineral oils	Sodium hydrosulfite
Dextrose	Monoethanolamine - MEA	Sodium hydroxide
Diatomaceous earth	Monosodium phosphate	Sodium hypochlorite
Diethanolamine - DEA	Morpholine	Sodium metabisulfite
Diethanolaminoethanol - DEAE	Muriatic acid	Sodium molybdate
Diethylhydroxlamine - DEHA	Neutralac® SLS 45	Sodium permanganate
Dimethylpropylamine - DMPA	Neutralizing amines	Sodium phosphates
Disodium phosphate	Nitrates	Sodium silicofluoride
Dispersants	Nitric acid	Sodium sulfide
Dow Corning® silicones	Nitrites	Sodium sulfite
Dow® Acumer™ series dispersants	Nonionic polymers	Sodium thiosulfate
EarthTec®	Octadecylamine	Sodium thiosulfite
EDTA chelant	Optimase® catalytic enzyme	Sodium tripolyphosphate
Emulsions and dry polymers	Organic acids	SOURCES
Ferric and ferrous chloride	Organic coagulants	Stabilized chlorine bleach
Ferric and ferrous sulfate	Orthophosphates polyphosphates	Stabilized chlorine dioxide
Ferric chloride	Ortho-poly phosphate	STABROM®
Ferric sulfate	Peracetic acid	Sugars
Ferrous / ferric salts	Perlite	Sulfur dioxide
Ferrous chloride	Phosphates	Sulfuric acid
Ferrous sulfate	Phosphonates	Tannins
Filming amines	Phosphonates AMP	Terpolymers
Filter aids	Phosphonates DTPMP	Tetrasodium pyrophosphate
Flocculants	Phosphonates DTPMPA	Thio-Red
Gluteraldehyde	Phosphonates HEDP	TMT-15®



WATER TREATMENT (cont.)
Tolyltriazole
Trisodium phosphate (TSP)
Urea
Vinegar
Zinc chloride
Zinc orthophosphates
Zinc polyphosphates

Beyond being your chemical and ingredient provider, Univar Solutions can also support your business with

- Custom blending services
- Bulk breakdown
- Chemical waste management solutions
- Inventory management solutions
- Laboratory solutions
- Packaging services
- Product development support
- Storage services
- Technical and formulation expertise



For the most current list of products and services we offer, call us at +1 800.531.7106, visit univarsolutions.com, or ask your local sales account manager.



The information contained herein can be changed without notice and you should contact the manufacturer to confirm. Read and follow the Product Label & Safety Data Sheet ("SDS") for your health. All information is based on data obtained from the manufacturer or other recognized technical sources. Univar Solutions Inc. and its affiliates ("Univar") provides this information "as is" and makes no representation or warranty, express or implied, concerning the accuracy or sufficiency of the information and disclaims all implied warranties. Univar is not liable for any damages resulting from the use or non-use of the information and each Univar affiliate is responsible for its own actions. All transactions involving this Product(s) are subject to Univar's standard Terms and Conditions, available at univarsolutions.com or upon request. © 2020 Univar Solutions Inc. All rights reserved. Univar, the collaboration insignia, and other identified trademarks are the property of Univar Solutions Inc. or affiliated companies. All other trademarks not owned by Univar Solutions Inc. or affiliated companies that appear in this material are the property of their respective owners. PC-USA-LCD-0752-1219