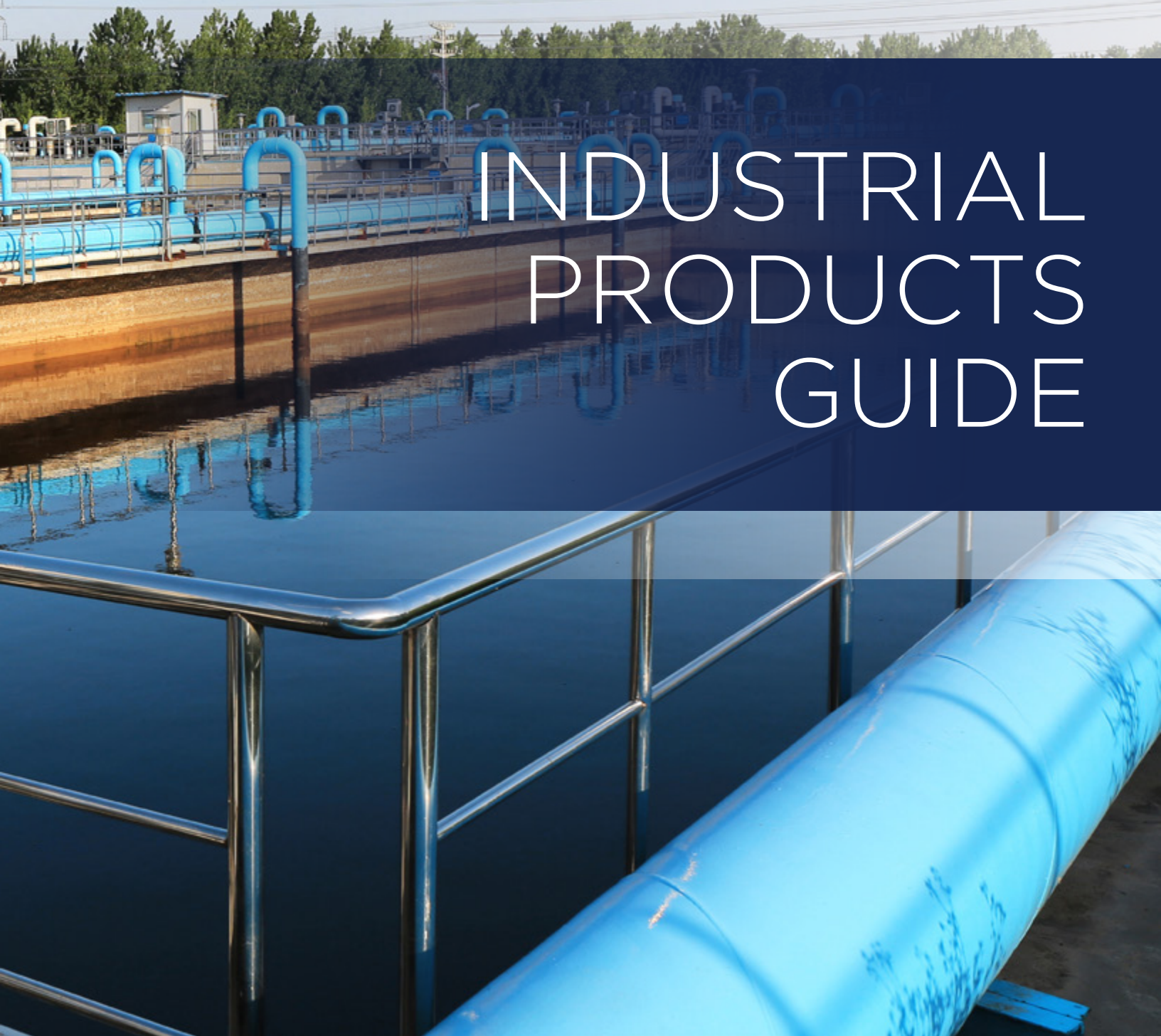


- NITRATES
- UREA/UREA SOLUTION
- AMMONIUM HYDROXIDE (AQUA AMMONIA)
- NITROGEN-PHOSPHATE BLENDS
- POTASSIUM ACETATE
- LIQUID CALCIUM HYDROXIDE



INDUSTRIAL PRODUCTS GUIDE





We are The Andersons. **DO YOU KNOW ALL WE CAN DO FOR YOU?**

The Andersons, Inc. has been manufacturing and distributing chemicals to the industrial market for over 30 years. Our team is committed to addressing your needs through our dedicated resources in the industrial market. Each member of our sales team has the expertise you have come to expect from The Andersons. We provide quality products and services, enabling you to make the best management decisions for your business.

We offer a wide range of liquid and dry industrial products for a variety of applications, from grounds maintenance to airport runways. We custom blend, package, distribute, and inventory a variety of industrial products for quick and convenient delivery.

Beyond the ordinary. Beyond the status quo. Beyond expectations.

OUR SALES TEAM

- **TONY OWEN, Industrial Sales**
419-722-5672 | tony_owen@andersonsinc.com
- **CARL TRAINER, Industrial Sales**
407-335-0647 | carl_trainer@andersonsinc.com
- **TONY PIFER, Industrial Sales**
419-569-4144 | tony_pifer@andersonsinc.com

OUR SERVICES

CUSTOM/COMPUTERIZED FORMULATIONS

LIQUID PACKAGING

- 8 ounces
- 1 liter
- 1 quart
- 1 gallon
- 2.5 gallons
- 5 gallons
- 55 gallons
- 250 gallons
- 275 gallons

DRY PACKAGING

20-2000 pounds

DELIVERY OPTIONS

- Barge
- Rail
- Truck

WAREHOUSING

Automatic packaging
Robotic palletizing

YEAR-ROUND SERVICES

SAFETY TRAINING

PRODUCT SPECIFICATIONS

PRODUCT	CONTENTS	TYPE
● Ammonium Hydroxide (Aqua Ammonia)	19.5%, 29.5% Ammonia	Liquid
● Ammonium Orthophosphate	8-24-0	Liquid
● Ammonium Polyphosphate (APP)	10-34-0, 11-37-0	Liquid
● Ammonium Sulfate	21-0-0 + 24 S	Liquid, Dry
● Anhydrous Ammonia	82-0-0	Pressurized Gas
● BN-2000™ (Waste Water Treatment)	--	Liquid
● Calcium Chloride	83-90%	Pellets/Flakes
● Calcium Nitrate*	75%	Dry
● Calcium Nitrate Solution	66%, 70%	Liquid
● Copper Nitrate*	15%	Liquid
● Diammonium Phosphate (DAP)	18-46-0	Dry
● LCH-40™ (Liquid Calcium Hydroxide), NSF Certified	up to 40%	Liquid
● Magnesium Nitrate	67%	Liquid
● Manganese Nitrate	15%	Liquid
● Monoammonium Phosphate (MAP)	11-52-0	Dry
● NOxOut A&HP	up to 50%	Liquid
● Potash (Standard, Granule, Soluble, Coarse)	--	Dry
● Potassium Acetate	up to 50%	Liquid
● Sodium Nitrate*	40%, 46%	Liquid
● STS-2000® (Anti-Icer/De-Icer)	up to 50%	Liquid
● Triple Super Phosphate	0-45-0	Dry
● Urea Ammonium Nitrate (UAN)	28-0-0, 32-0-0	Liquid
● Urea Solutions	up to 50%	Liquid
● Urea (Prilled, Granular)	46-0-0	Dry
● Zinc Nitrate*	17%	Liquid

● [CONTACT TONY OWEN OR CARL TRAINER](#)

● [CONTACT TONY PIFER](#)

Custom blends available upon request.



CALCIUM NITRATE

PRODUCTS

GEP 70 Liquid Calcium Nitrate
GEP 66 Liquid Calcium Nitrate
SoluCal Liquid Calcium Nitrate
EaglePure Crystalline Calcium Nitrate

USES

- Wastewater treatment
- Component of anti-rusting and anti-freezing products
- Explosives manufacturing
- Latex dipping coagulant
- Concrete mortar production
- Heavy oil detergents
- Fuel additive
- Metal finishing
- Neoprene rubber manufacturing
- Oil and natural gas drilling
- Concrete admixtures

ZINC NITRATE

PRODUCTS

Liquid Zinc Nitrate

USES

- Electro galvanizing
- Acid treating catalyst (pharmaceutical)
- Gelling agent for emulsion
- Glass production
- Phosphorizing agent in metals
- Applied as dye mordant

COPPER NITRATE

PRODUCTS

Liquid Copper Nitrate

USES

- Used as a catalyst, oxidizer, and activating agent for luminescent and photosensitive resistance materials

MAGNESIUM NITRATE

PRODUCTS

Liquid Magnesium Nitrate

USES

- Incineration product (wheat)
- Dehydrator
- Used to produce explosives, catalysts, and other magnesium salts

MANGANESE NITRATE

PRODUCTS

Liquid Manganese Nitrate

USES

- Phosphorizing agent (metals)
- Ceramics/catalysts production
- Raw material to prepare manganese dioxide

SODIUM NITRATE

PRODUCTS

Liquid Sodium Nitrate 40%
Liquid Sodium Nitrate 46%

USES

- Metallurgical industry
- Concrete admixtures
- Pottery enamels and paint
- Rocket propellants
- Wastewater treatment
- Glass production
- Fireworks production/explosives manufacturing
- Food preservatives
- Oil and natural gas drilling





NITROGEN-PHOSPHATE BLENDS (BN-2000™)

- 10-34-0
- Paper/pulp
- Fertilizer blends
- Water treatment
- Insulation

POTASSIUM ACETATE (STS-2000®)

- Anti-icing/deicing (runways)
- Anti-icing/deicing (roadways)
- Oil/gas fracturing
- Dust suppressant

LIQUID CALCIUM HYDROXIDE (LCH-40™)

- Water/wastewater treatment
- Acid neutralizer
- Caustic soda alternative

AMMONIUM HYDROXIDE (Aqua Ammonia)

- Water/wastewater treatment
- NOx removal for air emissions
- pH adjustment
- Laboratory use
- Ethanol production
- Detergents/cleaners



UREA/UREA SOLUTION

- NOx removal for power/industrial plants
- Water treatment
- Laboratories
- Detergents/cleaners
- Textiles and paper
- pH adjustment
- Plastics
- Ethanol production
- Adhesives, paints, and laminates

BN-2000™

Bacterial nutrition technology

Economical: more efficient/lower dosing rates than traditional N-P applications

Efficient: equally as (or more) efficient when compared to combining ammonia hydroxide and phosphoric acid

Non-Toxic: no toxic effects to the activated sludge process, even at 10x the recommended dose

Safe: results in limited exposure and no adverse side effects; non-hazardous and non-flammable

STS-2000®

Environmentally friendly: non-hazardous, non-toxic, non-flammable

Efficient: performs at temperatures as low as -70°F

Safe: will not harm the environment, employees, concrete, or vegetation

Versatile: can be used as an anti-icer or deicer and through various types of spray systems

LCH-40™

Safe: dust free and safe to handle

Cost-effective: higher lime concentration; reduces lime slaker maintenance and bag disposal costs

High quality: meets the AWWA standard B202-93 and is certified to NSF standard 60

Versatile: beneficial in water, wastewater, and acid neutralization



For more information, visit
www.AndersonsIndustrial.com

ABOUT THE ANDERSONS, INC.

The Andersons, Inc. is a diversified company rooted in agriculture that conducts business in the commodity merchandising, ethanol biofuels, and plant nutrient sectors. Guided by its Statement of Principles, The Andersons strives to provide extraordinary service to its customers, help its employees improve, support its communities, and increase the value of the company.

Founded by Harold Anderson and his family in 1947 in Maumee, Ohio, and privately owned until 1996, the premise of the original organization was to make it as easy as possible for regional farmers to take their grain to market. The business model of serving others is the foundation on which the company was built. Today, The Andersons' more than 2,400 employees conduct business from over 150 locations and continue to be committed to providing extraordinary service with the utmost integrity.



Our Mission:

We firmly believe that our Company is a powerful vehicle through which we channel our time, talent, and energy in pursuit of the fundamental goal of serving God by serving others. Through our collective action, we greatly magnify the impact of our individual efforts to:

- Provide extraordinary service to our customers
- Help each other improve
- Support our communities
- Increase the value of our Company



AndersonsIndustrial.com

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Tony Pifer **419-569-4144**

Carl Trainer **407-335-0647**