



***The industry leader in quality, reliable,
US-made generic liquid unit-dose medicines***

Corporate Profile

Among North America's leaders in innovation, quality, safety and reliability, Pharmaceutical Associates, Inc. manufactures and markets generic oral liquid pharmaceuticals in the USA. As the #1 manufacturer in the industry, PAI has been at the forefront of producing high-demand, as well as hard-to-find, oral suspensions, solutions, elixirs, syrups and liquids for over 50 years.

PAI offers the largest portfolio of over 70 prescription and over-the-counter products to meet the needs of those patients requiring oral liquid medications, such as children and the growing elderly population. Our core product categories include analgesic pain relief, cough/cold and allergies, digestive and metabolic health, neurological disorders and mental health, including unique single-sourced products.

One of PAI's core strengths is an expanding product line of unit dose offerings for individual dispensing. As the first independent manufacturer to develop vertically-integrated liquid unit dose packaging, it is no surprise that PAI holds the #1 position in the liquid unit dose market.

We are continuously working to bring new products and ready-to-use unit-dose packaging to market.

PAI has expansive capacity and has built a reputation for reliability of supply and commitment to FDA compliance.



#1 leader in generic liquid
unit-dose medications

***Proudly manufactured in the USA
in over 300,000 square-feet
of state-of-the-art cGMP facilities***



70+
Rx and OTC products

Learn more at paipharma.com



PAI Product List – August 2020

AF = Alcohol-free DF = Dye-free RT = Room Temperature SF = Sugar-free

NDC	Unit Dose Products	Strength	Cup Size	Compare To	Rx/OTC
00121-0504-00	ACETAMINOPHEN & CODEINE PHOSPHATE ORAL SOLUTION USP	CV 120 mg/12 mg	5 mL	TYLENOL® w/CODEINE	Rx
00121-1008-00	ACETAMINOPHEN & CODEINE PHOSPHATE ORAL SOLUTION USP	CV 300 mg/30 mg	12.5 mL	TYLENOL® w/CODEINE	Rx
00121-0646-10	AMANTADINE HCL ORAL SOLUTION USP, AF SF DF	100 mg	10 mL	SYMMETREL®	Rx
00121-0888-18	ATOVAQUONE ORAL SUSPENSION, USP	750 mg	5 mL	MEPRON	Rx
00121-0888-42	ATOVAQUONE ORAL SUSPENSION, USP	750 mg	5 mL	MEPRON	Rx
00121-0862-30	CARBAMAZEPINE ORAL SUSPENSION USP, AF	100 mg	5 mL	TEGRETOL®	Rx
00121-1724-30	CARBAMAZEPINE ORAL SUSPENSION USP, AF	200 mg	10 mL	TEGRETOL®	Rx
00121-0489-00	DIPHENHYDRAMINE HCL ORAL SOLUTION USP	12.5 mg	5 mL	BENADRYL®	Rx
00121-0978-00	DIPHENHYDRAMINE HCL ORAL SOLUTION USP	25 mg	10 mL	BENADRYL®	Rx
00121-0852-40	ESCITALOPRAM OXALATE ORAL SOLUTION	10 mg	10 mL	LEXAPRO®	Rx
00121-0891-20	FELBAMATE ORAL SUSPENSION USP	600 mg	5 mL	FELBATOL	Rx
00121-4721-05	FLUOXETINE ORAL SOLUTION USP, AF DF	20 mg	5 mL	PROZAC®	Rx
00121-0581-05	HALOPERIDOL ORAL SOLUTION USP (CONCENTRATE), AF SF DF	10 mg	5 mL	HALDOL®	Rx
00121-4772-40	HYDROCODONE BITARTRATE & ACETAMINOPHEN ORAL SOLUTION	CII 2.5 mg/108 mg	5 mL	HYCET®	Rx
00121-1544-40	HYDROCODONE BITARTRATE & ACETAMINOPHEN ORAL SOLUTION	CII 5 mg/217 mg	10 mL	HYCET®	Rx
00121-2316-40	HYDROCODONE BITARTRATE & ACETAMINOPHEN ORAL SOLUTION	CII 7.5 mg/325 mg	15 mL	HYCET®	Rx
00121-4811-40	HYDROCODONE BITARTRATE & HOMATROPINE METHYLBROMIDE SYRUP	CII 5 mg/1.5 mg	5 mL	HYCODAN®	Rx
00121-4774-40	IBUPROFEN ORAL SUSPENSION USP	100 mg	5 mL	MOTRIN®	Rx
00121-4577-40	LACTULOSE SOLUTION USP, AF	10 g	15 mL	CHRONULAC®	Rx
00121-1154-40	LACTULOSE SOLUTION USP, AF	20 g	30 mL	CHRONULAC®	Rx
00121-1154-00	LACTULOSE SOLUTION USP, AF	20 g	30 mL	CHRONULAC®	Rx
00121-4799-40	LEVETIRACETAM ORAL SOLUTION	500 mg	5 mL	KEPPRA®	Rx
New 00121-4799-50	LEVETIRACETAM ORAL SOLUTION	500 mg	5 mL	KEPPRA®	Rx
00121-0872-20	LEVOFLOXACIN ORAL SOLUTION USP	250 mg	10 mL	LEVAQUIN®	Rx
00121-4776-40	MEGESTROL ACETATE ORAL SUSPENSION	400 mg	10 mL	MEGACE®	Rx
00121-4776-00	MEGESTROL ACETATE ORAL SUSPENSION	400 mg	10 mL	MEGACE®	Rx
00121-0887-20	MEGESTROL ACETATE ORAL SUSPENSION (Concentrated Formula)	625 mg	5 mL	MEGACE® ES	Rx
00121-0850-40	MEMANTINE HYDROCHLORIDE ORAL SOLUTION, AF SF DF	10 mg	5 mL	NAMENDA®	Rx
New 00121-0896-20	METHYLPHENIDATE HCL ORAL SOLUTION USP,	5 mg	5 mL	RITALIN	Rx
00121-1576-10	METOCLOPRAMIDE ORAL SOLUTION USP, AF SF	10 mg	10 mL	REGLAN®	Rx
00121-0868-40	NYSTATIN ORAL SUSPENSION USP	500,000 units	5 mL	NYSTATIN	Rx
New 00121-0868-50	NYSTATIN ORAL SUSPENSION USP	500,000 units	5 mL	NYSTATIN	Rx
00121-0868-00	NYSTATIN ORAL SUSPENSION USP	500,000 units	5 mL	NYSTATIN	Rx
00121-4827-40	OXYCODONE HYDROCHLORIDE ORAL SOLUTION USP, AF SF	CII 5 mg	5 mL	ROXICODONE®	Rx
00121-4827-50	OXYCODONE HYDROCHLORIDE ORAL SOLUTION USP, AF SF	CII 5 mg	5 mL	ROXICODONE®	Rx
00121-0892-50	PHENYTOIN ORAL SUSPENSION USP,	100 mg	4 mL	DILANTIN®-125 MG.	Rx
00121-1680-30	POTASSIUM CHLORIDE ORAL SOLUTION USP 10%, AF SF	20 mEq per 15 mL	15 mL	POTASSIUM CHLORIDE ORAL SOLUTION 10%	Rx
00121-1680-40	POTASSIUM CHLORIDE ORAL SOLUTION USP 10%, AF SF	20 mEq per 15 mL	15 mL	POTASSIUM CHLORIDE ORAL SOLUTION 10%	Rx
00121-1680-50	POTASSIUM CHLORIDE ORAL SOLUTION USP 10%, AF SF	20 mEq per 15 mL	15 mL	POTASSIUM CHLORIDE ORAL SOLUTION 10%	Rx
00121-1680-80	POTASSIUM CHLORIDE ORAL SOLUTION USP 10%, AF SF	20 mEq per 15 mL	15 mL	POTASSIUM CHLORIDE ORAL SOLUTION 10%	Rx
00121-1680-00	POTASSIUM CHLORIDE ORAL SOLUTION USP 10%, AF SF	20 mEq per 15 mL	15 mL	POTASSIUM CHLORIDE ORAL SOLUTION 10%	Rx
00121-2520-50	POTASSIUM CHLORIDE ORAL SOLUTION USP 10%, AF SF	40 mEq per 30 mL	30 mL	POTASSIUM CHLORIDE ORAL SOLUTION 10%	Rx
00121-2520-40	POTASSIUM CHLORIDE ORAL SOLUTION USP 10%, AF SF	40 mEq per 30 mL	30 mL	POTASSIUM CHLORIDE ORAL SOLUTION 10%	Rx
00121-2520-00	POTASSIUM CHLORIDE ORAL SOLUTION USP 10%, AF SF	40 mEq per 30 mL	30 mL	POTASSIUM CHLORIDE ORAL SOLUTION 10%	Rx
00121-0595-00	SODIUM CITRATE and CITRIC ACID ORAL SOLUTION USP, AF SF DF	1500 mg/1002 mg	15 mL	BICITRA®	Rx
00121-1190-00	SODIUM CITRATE and CITRIC ACID ORAL SOLUTION USP, AF SF DF	3000 mg/2004 mg	30 mL	BICITRA®	Rx

AF = Alcohol-free DF = Dye-free RT = Room Temperature SF = Sugar-free

	NDC	Unit Dose Products	Strength	Cup Size	Compare To	Rx/OTC
New	00121-0747-30	SUCRALFATE SUSPENSION	1 g	10 mL	CARAFATE®	Rx
	00121-0747-40	SUCRALFATE SUSPENSION	1 g	10 mL	CARAFATE®	Rx
New	00121-0747-50	SUCRALFATE SUSPENSION	1 g	10 mL	CARAFATE®	Rx
	00121-0747-00	SUCRALFATE SUSPENSION	1 g	10 ml	CARAFATE®	Rx
	00121-0853-40	SULFAMETHOXAZOLE AND TRIMETHOPRIM ORAL SUSPENSION USP	800 mg/160 mg	20 mL	SULFATRIM™	Rx
	00121-4820-40	THEOPHYLLINE ORAL SOLUTION, SF	80 mg	15 mL	ELIXOPHYLLIN®	Rx
	00121-4675-40	VALPROIC ACID ORAL SOLUTION USP, AF	250 mg	5 mL	DEPAKENE®	Rx
	00121-1350-00	VALPROIC ACID ORAL SOLUTION USP, AF	500 mg	10 mL	DEPAKENE®	Rx
	00121-4675-00	VALPROIC ACID ORAL SOLUTION USP, AF	250 mg	5 mL	DEPAKENE®	Rx
	00121-1781-00	CHILDREN'S ACETAMINOPHEN ORAL SUSPENSION, AF	160 mg	5 mL	TYLENOL®	OTC
	00121-0657-00	ACETAMINOPHEN ORAL SOLUTION USP, AF	160 mg	5 mL	TYLENOL®	OTC
	00121-1314-00	ACETAMINOPHEN ORAL SOLUTION USP, AF	325 mg	10.15 mL	TYLENOL®	OTC
	00121-1971-00	ACETAMINOPHEN ORAL SOLUTION USP, AF	650 mg	20.3 mL	TYLENOL®	OTC
New	00121-0910-40	BISMUTH SUBSALICYLATE	525 mg	30 mL	PEPTO BISMOL ORIGINAL LIQUID®	OTC
	00121-4766-05	CALCIUM CARBONATE ORAL SUSPENSION, AF SF	1250 mg	5 mL	CALCIUM CARBONATE	OTC
New	00121-0865-30	DIPHENHYDRAMINE HCL ORAL SOLUTION USP, AF DF SF	12.5 mg	5 mL	BENADRYL®	OTC
New	00121-0865-00	DIPHENHYDRAMINE HCL ORAL SOLUTION USP, AF DF SF	12.5 mg	5 mL	BENADRYL®	OTC
New	00121-1730-30	DIPHENHYDRAMINE HCL ORAL SOLUTION USP, AF DF SF	25 mg	10 mL	BENADRYL®	OTC
New	00121-1730-00	DIPHENHYDRAMINE HCL ORAL SOLUTION USP, AF DF SF	25 mg	10 mL	BENADRYL®	OTC
	00121-0544-10	DOCUSATE SODIUM LIQUID, AF SF	100 mg	10 mL	COLACE®	OTC
	00121-0530-05	FERROUS SULFATE ORAL SOLUTION, AF DF	300 mg	5 mL	FERROUS SULFATE	OTC
	00121-1744-00	GUAIFENESIN ORAL SOLUTION USP, AF SF	100 mg	5 mL	ROBITUSSIN®	OTC
	00121-1488-00	GUAIFENESIN ORAL SOLUTION USP, AF SF	200 mg	10 mL	ROBITUSSIN®	OTC
	00121-2232-00	GUAIFENESIN ORAL SOLUTION USP, AF SF	300 mg	15 mL	ROBITUSSIN®	OTC
	00121-1775-00	GUAIFENESIN AND CODEINE PHOSPHATE ORAL SOLN. USP, AF SF CV	100 mg/10 mg	5 mL	ROBITUSSIN® AC	OTC
	00121-1550-00	GUAIFENESIN AND CODEINE PHOSPHATE ORAL SOLN. USP, AF SF CV	200 mg/20 mg	10 mL	ROBITUSSIN® AC	OTC
	00121-0638-00	GUAIFENESIN SYRUP and DEXTROMETHORPHAN, AF	100 mg/10 mg	5 mL	ROBITUSSIN® DM	OTC
	00121-1276-00	GUAIFENESIN SYRUP and DEXTROMETHORPHAN, AF	200 mg/20 mg	10 mL	ROBITUSSIN® DM	OTC
	00121-1836-05	CHILDREN'S IBUPROFEN ORAL SUSPENSION, AF	100 mg	5 mL	MOTRIN®	OTC
New	00121-0914-00	CHILDREN'S IBUPROFEN ORAL SUSPENSION	100 mg	5 mL	MOTRIN®	OTC
New	00121-1828-00	CHILDREN'S IBUPROFEN ORAL SUSPENSION	200 mg	10 mL	MOTRIN®	OTC
	00121-0849-40	CHILDREN'S LORATADINE ORAL SOLUTION, AF SF DF	10 mg	10 mL	CLARITIN® LIQUID	OTC
	00121-1760-30	MAG-AL LIQUID	200/200 mg/5 mL	30 mL	MAALOX®	OTC
	00121-1761-30	MAG-AL PLUS with SIMETHICONE	200/200/20 mg/5 mL	30 mL	MAALOX® PLUS	OTC
	00121-1762-30	MAG-AL PLUS XS with SIMETHICONE	400/400/40 mg/5 mL	30 mL	MAALOX® MAX	OTC
	00121-0431-30	MILK of MAGNESIA 8% SUSPENSION, AF SF DF	2400 mg	30 mL	M.O.M.	OTC
	00121-0527-10	MILK of MAGNESIA CONCENTRATE 24% SUSPENSION, AF DF	2400 mg	10 mL	M.O.M. CONCENTRATE	OTC
	00121-4722-15	SENNA SYRUP	528 mg/15 mL	15 mL	SENOKOT®	OTC
	00121-0867-20	VANCOMYCIN HYDROCHLORIDE CAPSULES, USP	125 mg	20 Ea (2 x 10 blister card)	VANCOCIN®	Rx
	00121-0890-20	VANCOMYCIN HYDROCHLORIDE CAPSULES, USP	250 mg	20 Ea (2 x 10 blister card)	VANCOCIN®	Rx

PAI Product List – August 2020

AF = Alcohol-free DF = Dye-free RT = Room Temperature SF = Sugar-free

NDC	Bottle Products	Strength	Cup Size	Compare To	Rx/OTC
00121-0504-04	ACETAMINOPHEN & CODEINE PHOSPHATE ORAL SOLUTION USP	CV 120/12 mg/5mL	4 oz	TYLENOL® w/CODEINE	Rx
00121-0504-16	ACETAMINOPHEN & CODEINE PHOSPHATE ORAL SOLUTION USP	CV 120/12 mg/5mL	16 oz	TYLENOL® w/CODEINE	Rx
00121-0646-16	AMANTADINE HCL ORAL SOLUTION USP, AF SF DF	50 mg/5 mL	16 oz	SYMMETREL®	Rx
00121-0670-16	ETHOSUXIMIDE ORAL SOLUTION USP, AF	250 mg/5 mL	16 oz	ZARONTIN®	Rx
00121-0721-04	FLUOXETINE ORAL SOLUTION USP, AF DF	20 mg/5 mL	4 oz	PROZAC®	Rx
00121-0654-02	FLUPHENAZINE HCL ELIXIR USP	2.5 mg/5 mL	60 mL	PROLIXIN®	Rx
00121-0654-16	FLUPHENAZINE HCL ELIXIR USP	2.5 mg/5 mL	16 oz	PROLIXIN®	Rx
00121-0653-04	FLUPHENAZINE HCL ORAL SOLUTION USP (CONCENTRATE), SF DF	5 mg/1 mL	4 oz	PERMITIL®	Rx
00121-0581-04	HALOPERIDOL ORAL SOLUTION USP (CONCENTRATE), AF SF DF	2 mg/mL	4 oz	HALDOL®	Rx
00121-0772-04	HYDROCODONE BITARTRATE & ACETAMINOPHEN ORAL SOLUTION	CII 7.5/325 mg/15 mL	4 oz	HYCET®	Rx
00121-0772-16	HYDROCODONE BITARTRATE & ACETAMINOPHEN ORAL SOLUTION	CII 7.5/325 mg/15 mL	16 oz	HYCET®	Rx
00121-0873-16	LACTULOSE SOLUTION USP, AF	10 g/15mL	16 oz	CHRONULAC®	Rx
00121-0873-32	LACTULOSE SOLUTION USP, AF	10 g /15 mL	32 oz	CHRONULAC®	Rx
00121-0799-16	LEVETIRACETAM ORAL SOLUTION	500 mg/ 5 mL	16 oz	KEPPRA®	Rx
00121-0770-01	LORAZEPAM ORAL SOLUTION, USP, AF SF DF	CIIV 2 mg/1 mL	1 oz	LORAZEPAM INTENSOL	Rx
00121-0576-16	METOCLOPRAMIDE ORAL SOLUTION USP, AF SF	5 mg/5 mL	16 oz	REGLAN®	Rx
00121-0825-01	MORPHINE SULFATE ORAL SOLUTION, AF SF	CII 100 mg/5 mL	1 oz	MORPHINE SULFATE	Rx
00121-0825-04	MORPHINE SULFATE ORAL SOLUTION, AF SF	CII 100 mg/5 mL	4 oz	MORPHINE SULFATE	Rx
00121-0678-16	NORTRIPTYLINE HYDROCHLORIDE ORAL SOLUTION USP, SF DF	10 mg/5 mL	16 oz	AVENTYL®	Rx
00121-0868-02	NYSTATIN ORAL SUSPENSION USP	500,000 units/5 mL	60 mL	NYSTATIN	Rx
00121-0868-16	NYSTATIN ORAL SUSPENSION USP	500,000 units/5 mL	16 oz	NYSTATIN	Rx
00121-0826-01	OXYCODONE HYDROCHLORIDE ORAL SOLUTION, USP, AF SF	CII 100 mg/5 mL	30 mL	ROXICODONE®	Rx
00121-1680-16	POTASSIUM CHLORIDE ORAL SOLUTION USP 10%, AF SF	20 mEq per 15 mL	16 oz	POTASSIUM CHLORIDE ORAL SOLUTION 10%	Rx
00121-0676-16	POTASSIUM CITRATE and CITRIC ACID ORAL SOLUTION USP, AF SF	1100/334 mg/5 mL	16 oz	POLYCITRA® K	Rx
00121-0773-08	PREDNISOLONE SODIUM PHOSPHATE ORAL SOLUTION , AF DF RT	10 mg/5 mL	8 oz	MILLIPRED®	Rx
00121-0759-08	PREDNISOLONE SODIUM PHOSPHATE ORAL SOLUTION, AF DF RT	15 mg/5 mL	8 oz	ORAPRED®	Rx
00121-0777-08	PREDNISOLONE SODIUM PHOSPHATE ORAL SOLUTION, AF DF	20 mg/5 mL	8 oz	VERIPRED®	Rx
00121-0595-16	SODIUM CITRATE and CITRIC ACID ORAL SOLUTION USP, AF SF DF	500/334 mg/5 mL	16 oz	BICITRA®	Rx
00121-0854-16	SULFATRIM™ PEDIATRIC SUSPENSION	200/40 mg/5 mL	16 oz	SULFATRIM™	Rx
00121-0820-16	THEOPHYLLINE ORAL SOLUTION, SF	80 mg/15 mL	16 oz	ELIXOPHYLLIN®	Rx
00121-0677-16	TRICITRATES SF ORAL SOLUTION, AF SF	550/500/334 mg/5 mL	16 oz	POLYCITRA® LC	Rx
00121-0658-16	TRIHEXYPHENIDYL HCL ORAL SOLUTION USP, SF DF	2 mg/5 mL	16 oz	ARTANE®	Rx
New 00121-0675-85	VALPROIC ACID ORAL SOLUTION USP, AF	250 mg/5 mL	16 oz	DEPAKENE®	Rx
00121-0675-16	VALPROIC ACID ORAL SOLUTION USP, AF	250 mg/5 mL	16 oz	DEPAKENE®	Rx
00121-0766-16	CALCIUM CARBONATE ORAL SUSPENSION, AF SF	1250 mg/5 mL	16 oz	CALCIUM CARBONATE	OTC
00121-0775-04	GUAIFENESIN AND CODEINE PHOSPHATE ORAL SOLN. USP, AF SF	CV 100/10 mg/5 mL	4 oz	ROBITUSSIN® AC	OTC
00121-0775-08	GUAIFENESIN AND CODEINE PHOSPHATE ORAL SOLN. USP, AF SF	CV 100/10 mg /5mL	8 oz	ROBITUSSIN® AC	OTC
00121-0775-16	GUAIFENESIN AND CODEINE PHOSPHATE ORAL SOLN. USP, AF SF	CV 100/10 mg/5 mL	16 oz	ROBITUSSIN® AC	OTC
00121-0722-08	SENNA SYRUP	176 mg/5 mL	8 oz	SENOKOT®	OTC
00121-0867-50	VANCOMYCIN HYDROCHLORIDE CAPSULES, USP	125 mg	50 capsules per bottle	VANCOCIN®	Rx
00121-0890-50	VANCOMYCIN HYDROCHLORIDE CAPSULES, USP	250 mg	50 capsules per bottle	VANCOCIN®	Rx



Unit-dose medication offers advantages in a variety of settings and is useful for standardization across the entire healthcare system

Unit-dose medication can increase quality and safety for vulnerable populations in:

- *Acute care*
- *Pediatric care*
- *Long-term care*



A leader in the field

- *#1 by volume and sales of the top 10 unit-dose providers*
- *#1 by volume and #2 by sales of the top generic liquid bottle providers*
- *63 approved ANDAs*
- *Among North America's leaders in innovation, quality, safety and reliability*
- *The largest portfolio of generic oral liquid medication—prescription and over the counter—to meet your needs*
- *Core product categories include:*
 - Analgesic pain relief
 - Cough/cold and allergies
 - Digestive and metabolic health
 - Neurological disorders
 - Mental health

For questions about how to purchase or any other information on PAI Unit Dose products, call your PAI sales representative or customer service at 800-845-8210.

Also available through your wholesaler.

