

**API PRODUCT LIST** 





# REACHING PEOPLES TOUCHING LIVES

From humble beginnings in 1983, Sun Pharma has grown to become the 4 largest speciality generic pharmaceutical company in the world. Our passion for R&D has enabled us to develop over 2000 products that are sold in over 100 countries worldwide. At Sun, we are driven by our core values of quality, reliability, innovation, trust and consistency. These values inspire us to reach out and touch millions of lives globally.

#### **ABOUT US**

Sun Pharma is the  $4^{th}$  largest generic pharmaceutical company in the world and ranks #1 in India. A vertically integrated business with economies of scale and an extremely skilled team enables timely delivery of quality products at affordable prices. It serves customers and patients in over 150 countries across the globe. Sun Pharma's global presence is supported by 44 manufacturing facilities spread across 5 continents with a multi-cultural workforce comprising over 50+ nationalities.

The consolidated revenues for 12 months ending March 2019 are US\$ 4 billion, of which USA contributes US\$ 2.3 billion. In India, the company enjoys leadership across 10 different therapeutic classes of doctors. Sun Pharma's 30 brands feature amongst the top 300 pharmaceutical brands in India. It's footprint across emerging markets covers over 100 markets including 6 markets in Western Europe. It's Global Consumer Healthcare business is ranked in the Top 10 across 4 global markets. Sun Pharma fosters excellence through innovation supported by strong R&D capabilities with 2,000 scientists and R&D investments of over 7% of net sales.

Sun Pharma's product list includes complex APIs that require isolated manufacturing area like anti-cancers, peptides, steroids, sex hormones and controlled/narcotic substances. It offers Bulk Actives, Intermediates and services for Custom Synthesis. Every year, the company makes a large number of products filings based on the technology developed at its R&D centres. Sun Pharma manufactures APIs in 13 world class manufacturing plants located in India, Hungary, the US, Australia and Israel. These manufacturing facilities are cGMP compliant and hold approvals from global regulatory agencies including USFDA, EUGMP, PMDA, COFEPRIS, TGA, etc.

The company currently has 414 DMF/CEP filed, of which 315 have been approved as on June 2019.

Sun Pharma's comprehensive end to end support ensures smooth development, timely filing and successful launch of products. Its R&D prowess and manufacturing capabilities are strengthened by a strong and well informed regulatory team. It has an experienced team of IP attorneys and other skilled professionals, specialising in medicinal chemistry and IP law who protect its IP wealth. This team ensures that all the API and processes developed for global markets comply with applicable laws and intellectual properties.

With its vision of Reaching People and Touching Lives globally and as a leading provider of valued medicines, Sun Pharma is dedicated to bring about change and create a meaningful impact in the lives of others.

F	I N A N	C I A L	S N A P	S H O T	S
REVENUES					US\$ Million
CONSOLIDATED	INDIA	US	EMERGING MARKETS	ROW (Rest of the World)	API & OTHER
■ 4044	■ 1246	■ 1357	■ 751	■ 461	■ 229



# **NEW PRODUCTS\***

Product	Therapeutic Category	Specs	CAS No.	DMF Status
Abaloparatide	Anti-Osteoporosis	PN	[247062-33-5]	
Abiraterone Acetate	Anti-Cancer	PN	[154229-18-2]	<b>A</b>
Acalabrutinib	Anti-Cancer	PN	[1420477-60-6]	
Acotiamide	Gastroprokinetics	PN	[773092-05-0]	
Afatinib Dimaleate	Anti-Cancer	PN	[850140-73-7]	<b>A</b>
Albuterol Sulphate	Anti-Asthmatic	EP	[5122-70-9]	
Alectinib Hcl	Anti-Cancer	PN	[1256580-46-7]	
Ambrisentan	Anti-Hypertensive	PN	[177036-94-1]	
Angiotensin-II Acetate	Vasoconstrictor	USP	[68521-88-0]	
Apixaban	Anti-Coagulant	PN	[503612-47-3]	<b>A</b>
Apremilast	Anti-Psoriatic	PN	[608141-41-9]	
Aripiprazole	Anti-Psychotic	USP	[129722-12-9]	
Bempedoic Acid	Lowering LDL Cholesterol	USP/PN	[738606-46-7]	
Bendamustine	Anti-Cancer	PN	[16506-27-7]	<b>A</b>
Betiatide	Diagnostic Agents Isotopes	PN	[103725-47-9]	

**JDMF** 

Korean DMF

Canadian DMF

CEP

**▲** USDMF

EDMF

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<sup>•</sup> PN - Producer's Norms

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Product	Therapeutic Category	Specs	CAS No.	DMF Status
Biapenem	Anti-Bacterial	PN	[120410-24-4]	
Bortezomib	Anti-Cancer	PN	[179324-69-7]	<b>A</b> •
Bosentan Monohydrate	Cardiovascular	PN	[157212-55-0]	<b>A</b> • •
Bosutinib	Anti-Cancer	PN	[380843-75-4]	
Bremelanotide	Sexual Dysfunction	USP	[189691-06-3]	
Brivaracetam	Anti-Epileptic	PN	[357336-20-0]	
Cabozantinib L-Malate	Anti-Cancer	PN	[1140909-48-3]	
Canagliflozin	Anti-Diabetic	PN	[842133-18-0]	<b>^</b>
Carfilzomib	Anti-Cancer	PN	[868540-17-4]	
Cariprazine Hcl	Anti-Depressant	PN	[1083076-69-0]	<b>A</b>
Cinacalcet Hcl	Calcimimetic	PN	[226256-56-0]	<b>A</b>
Dabigatran Etexilate	Anti-Coagulant	PN	[872728-81-9]	<b>A</b>
Dalfampridine	Multiple Sclerosis	PN	[45498-20-2]	<b>A</b>
Dapagliflozin	Anti-Diabetic	PN	[461432-26-8]	<b>A</b>
Dasatinib Monohydrate	Anti-Cancer	PN	[302962-49-8]	<b>A</b>

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CEP

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Product	Therapeutic Category	Specs	CAS No.	DMF Status
Difluprednate	Anti-Inflammatory	PN	[23674-86-4]	
Dimethyl Fumarate	Multiple Sclerosis	PN	[624-49-7]	<b>A</b>
Dofetilide	Anti-Arrhythmic	PN	[115256-11-6]	<b>A</b>
Doxercalciferol	Hyperparathyroidism	PN	[54573-75-0]	<b>A</b>
Dronedarone	Anti-Arrythmic	PN	[141626-36-0]	<b>A</b>
Droxidopa	Anti-Parkinson	PN	[23651-95-8]	
Edaravone	Neuroprotective	USP	[89-25-8]	
Elagolix Sodium	Anti-Gonadotrophin	PN	[832720-36-2]	
Eluxadoline	Gastrointestinal	PN	[864821-90-9]	<b>A</b>
Empagliflozin	Anti-Diabetic	PN	[864070-44-0]	<b>A</b>
Enzalutamide	Anti-Cancer	PN	[915087-33-1]	
Epoprostenol Sodium	Pulmonary Arterial Hypertension	PN	[61849-14-7]	<b>A</b> •
Eptifibatide	Anti-Thrombotic	PN	[188627-80-7]	<b>A</b>
Erlotinib Hcl	Anti-Cancer	PN	[183319-69-9]	<b>A</b> *
Etelcalcetide Hcl	Calcimimetic	PN	[1262780-97-1]	

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Exenatide	Anti-Diabetic	PN	[141732-76-5]	<b>A</b> •
Faropenem Na	Antibiotic	PN	[106560-14-9]	
Ferric Carboxymaltose	Iron Replacement	USP	[9007-72-1]	
Fingolimod Hcl	Multiple Sclerosis	PN	[162359-56-0]	<b>A</b> •
Fosphenytoin Sodium	Anti-Epileptic	USP	[92134-98-0]	<b>A</b> •
Fulvestrant	Anti-Cancer	EP/USP	[129453-61-8]	•
lbrutinib	Anti-Cancer	PN	[936563-96-1]	<b>A</b>
Icatibant Acetate	Bradykini B2 Receptor Antagonist	PN	[138614-30-9]	<b>A</b>
Irinotecan Hcl Trihydrate	Anti-Cancer	PN	[136572-09-3]	<b>A</b> •
Iron Sucrose	Treating Iron Deficiency Anemia	USP	[8047-67-4]	<b>A</b>
Ixazomib	Anti-Cancer	USP	[1239908-20-3]	<b>A</b>
Lanreotide Acetate	Somatostatin Analog	USP	[127984-74-1]	
Ledipasvir	Anti-Virals	PN	[1256388-51-8]	
Lenalidomide	Anti-Cancer	PN	[191732-72-6]	<b>A</b>
Lenvatinib Mesylate	Anti-Cancer	PN	[857890-39-2]	<b>A</b>

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Levalbuterol Hcl / Tartrate	Anti-Asthmatic	PN	[50293-90-8] / [661464-94-4]	<b>A</b>
Levothyroxine Sodium	Anti-Hypothyroidism	PN	[25416-65-3]	
Lifitegrast	Dry Eye Syndrome	PN	[5967-78-5]	
Linaclotide	Irritable Bowel Syndrome	PN	[851199-59-2]	<b>A</b>
Linagliptin	Anti-Diabetic	PN	[668270-12-0]	<b>A</b>
Liothyronine Sodium	Hormone Replacement	USP/EP	[55-06-1]	<b>A</b>
Liraglutide	Anti-Diabetic	PN	[204656-20-2]	
Lubiprostone	Management of Chronic Idiopathic Constipation	PN	[136790-76-6]	<b>A</b>
Lumacaftor	Cystic Fibrosis	PN	[936727-05-8]	
Lurasidone Hcl	Anti-Psychotic	PN	[367514-88-3]	<b>A</b>
Netarsudil	Rho Kinase Inhibitor	PN	[1422144-42-0]	
Nilotinib Hcl	Anti-Cancer	PN	[923288-90-8]	
Nintedanib Esylate	Idiopathic Pulmonary Fibrosis	PN	[656247-17-5]	<b>^</b>
Niraparib Tosylate	Anti-Cancer	PN	[1038915-73-9]	
Norepinephrine Bitartrate	Hormone and Neurotransmitter	PN	[108341-18-0]	

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Palbociclib	Anti-Cancer	PN	[571190-30-2]	<b>A</b>
Paliperidone Palmitate	Anti-Psychotic	PN	[199739-10-1]	<b>A</b>
Pazopanib Hcl	Anti-Cancer	PN	[635702-64-6]	
Pentetreotide	Radiodiagnostic Agent	USP	[138661-02-6]	
Pimavaserin Tartrate	Anti-Parkinson	PN	[706782-28-7]	
Plecanatide	Guanylate Cyclase-C Agonist	PN	[467426-54-6]	
Prucalopride	Laxative	USP	[179474-81-8]	
Regadenoson	Stress Agent	PN	[138661-02-6]	<b>A</b>
Ribociclib	Anti-Cancer	PN	[1211441-98-3]	
Rifaximin	Anti-Infective	EP	[80621-81-4]	
Roxadustat	Anti-Anaemic	USP	[808118-40-3]	
Safinamide	Anti-Parkinson	PN	[133865-89-1]	
Samidorphan	Anti-Addiction	PN	[852626-89-2]	
Saxagliptin	Anti-Diabetic	PN	[361442-04-8]	<b>A</b>
Semaglutide	Anti-Diabetic	USP	[910463-68-2]	

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Product	Therapeutic Category	Specs	CAS No.	DMF Status
Silodosin	Benign Prostatic Hyperplasia	JP	[160970-54-7]	
Sincalide	Contrast Media	USP	[25126-32-3]	
Siponimod Fumarate	Multiple Sclerosis	USP	[1234627-85-0]	
Sitagliptin Fumarate	Anti-Diabetic	PN	[837430-24-7]	
Sitagliptin Phosphate	Anti-Diabetic	BP/USP	[654671-77-9]	<b>A</b>
Sodium Oxybate	Anti-Depressant	PN	[502-85-2]	
Sodium Zirconium Cyclosilicate	Hyperkalemia	PN	[242800-27-7]	
Sonidegib	Anti-Cancer	PN	[956697-53-3]	
Sorafenib Tosylate	Anti-Cancer	PN	[4750207-59-1]	
Sunitinib Malate	Anti-Neoplastics	PN	[341031-54-7]	<b>A</b>
Tafamidis	Familial Amyloid Polyneuropathy	USP	[594839-88-0]	
Tafamidis Meglumine	Familial Amyloid Polyneuropathy	USP	[951395-08-7]	
Teriparatide Acetate	Anti-Osteoporosis	PN	[52232-67-4]	
Tetracosactide	Adrenocortical Insufficiency	PN	[16960-16-0]	
Tezacaftor	Respiratory System	PN	[1152311-62-0]	

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Product	Therapeutic Category	Specs	CAS No.	DMF Status
Ticagrelor	Coagulation Inhibitors	PN	[274693-27-5]	
Tolvaptan	Metabolic Disorders	PN	[81846-19-7]	
Treprostinil	Anti-Hypertension	PN	[81846-19-7]	
Upadacitinib	Anti-Diabetic	USP	[1310726-60-3]	
Vilanterol	B2 Agonists	PN	[503068-34-6]	
Vildagliptin	Anti-Diabetic	PN	[274901-16-5]	

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# **SUN PRODUCTS**

Product	Therapeutic Category	Specs	CAS No.	DMF Status
Amisulpride	Anti-Psychotic	EP	[71675-85-9]	•
Amorolfine Hcl	Dermatology	EP	[78613-38-4]	•
Anastrozole	Anti-Cancer	EP	[120511-73-1]	<b>A</b> • •
Atorvastatin Calcium	Cardiovascular	USP/EP	[134523-03-8]	<b>A</b> • • •
Atosiban Acetate	Oxytocin Antagonist	EP	[914453-95-5]	•
Benazepril Hcl	Cardiovascular	EP	[86541-74-4]	•
Bicalutamide	Anti-Androgen	EP/USP	[90357-06-5]	<b>A</b> •
Bivalirudin	Anti-Coagulant	PN	[128270-60-0]	<b>A</b>
Budesonide	Anti-Inflammatory	EP/USP	[51333-22-3]	<b>A</b> • •
Buprenorphine	Pain Management	EP/USP	[52485-79-7]	<b>A B</b> •
Bupropion Hcl	Anti-Depressant	EP/USP	[31667-93-7]	<b>A</b>
Candesartan Cilexetil	Cardiovascular	EP/USP	[145040-37-5]	•
Capecitabine	Anti-Cancer	USP	[154361-50-9]	▲■● ◆
Carboplatin	Anti-Cancer	EP/USP	[41575-94-4]	▲■ •
Carvedilol	Cardiovascular	EP/USP	[72956-09-3]	<b>A</b>

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Therapeutic Category	Specs	CAS No.	DMF Status
Anti-Infective	USP	[121123-17-9]	•
Antibiotic	EP/USP	[64544-07-6]	•
Anti-Infective	EP/USP	[81129-83-1]	• •
Anti-Hypertensive	EP	[92077-78-6]	
Anti-Cancer	EP/USP	[15663-27-1]	•
Anti-Infective	EP/USP	[81103-11-9]	•
Anti-Depressant	EP/USP	[17321-77-6]	<b>A</b>
Anti-Epileptic	EP/USP	[1622-61-3]	<b>A</b>
Iron Chelator	PN	[201530-41-8]	<b>A</b> •
Anti-Histamine	EP	[100643-71-8]	
Anti-Diuretic	PN	[62288-83-9]	
Anti-Epileptic	USP	[76584-70-8]	<b>^</b>
Cardiovascular	EP/USP	[49745-95-1]	
Anti-Alzheimer	USP	[120011-70-3]	• •
Anti-Bacterial	PN	[364622-82-2]	
	Anti-Infective Anti-Infective Anti-Infective Anti-Hypertensive Anti-Cancer Anti-Infective Anti-Depressant Anti-Epileptic Iron Chelator Anti-Histamine Anti-Diuretic Anti-Epileptic Cardiovascular Anti-Alzheimer	Anti-Infective USP  Antibiotic EP/USP  Anti-Infective EP/USP  Anti-Hypertensive EP  Anti-Cancer EP/USP  Anti-Infective EP/USP  Anti-Depressant EP/USP  Anti-Epileptic EP/USP  Iron Chelator PN  Anti-Histamine EP  Anti-Diuretic PN  Anti-Epileptic USP  Cardiovascular EP/USP  Anti-Alzheimer USP	Anti-Infective         USP         [121123-17-9]           Antibiotic         EP/USP         [64544-07-6]           Anti-Infective         EP/USP         [81129-83-1]           Anti-Hypertensive         EP         [92077-78-6]           Anti-Cancer         EP/USP         [15663-27-1]           Anti-Infective         EP/USP         [81103-11-9]           Anti-Depressant         EP/USP         [17321-77-6]           Anti-Epileptic         EP/USP         [1622-61-3]           Iron Chelator         PN         [201530-41-8]           Anti-Histamine         EP         [100643-71-8]           Anti-Diuretic         PN         [62288-83-9]           Anti-Epileptic         USP         [76584-70-8]           Cardiovascular         EP/USP         [49745-95-1]           Anti-Alzheimer         USP         [120011-70-3]

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Product	Therapeutic Category	Specs	CAS No.	DMF Status
Drospirenone	Oral Contraceptive	EP/USP	[67392-87-4]	<b>A</b>
Ertapenem Sodium	Anti-Bacterial	PN	[153773-82-1]	<b>A</b>
Esomeprazole Mg Trihydrate	Anti-Ulcerative	USP	[217087-09-7]	<b>A</b>
Esomeprazole Sodium	Proton Pump Inhibitor	PN	[161796-78-7]	<b>A</b> • •
Fluticasone Propionate	Anti-Inflammatory	EP/USP	[80474-14-2]	<b>A</b>
Fluvastatin Sodium	Cardiovascular	EP	[93957-55-2]	•
Fluvoxamine Maleate	Anti-Depressant	EP/USP	[61718-82-9]	<b>A</b> * •
Gemcitabine Hcl	Anti-Cancer	EP/USP	[122111-03-9]	<b>A</b> * *
Hydroxyprogesterone Caproate	Steroidal Progestin	PN	[630-56-8]	<b>A</b>
Imatinib Mesylate	Anti-Cancer	PN	[220127-57-1]	<b>A</b> •
Imipenem	Anti-Bacterial	EP/USP	[74431-23-5]	• •
Irbesartan	Cardiovascular	EP/USP	[138402-11-6]	• •
Isotretinoin	Anti-Acne	EP/USP	[4759-48-2]	<b>A</b> • •
Lecarnidipine Hcl	Anti-Hypertensive	PN	[132866-11-6]	•
Letrozole	Anti-Cancer	EP/USP	[112809-51-5]	<b>A</b> • •
▲ USDMF ■ CEP	● EDMF <b>⇒</b> JDMF	- Kor	ean DMF •	Canadian DMF

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USDMF CEP	● EDMF <b>■</b> JDMF	Kore	ean DMF	Canadian DM
Midazolam	Anti_Anxiety	EP/USP	[59467-70-8]	•
Metoprolol Tartrate	Anti-Hypertensive	EP/USP	[56392-17-7]	<b>A</b>
Metoprolol Succinate	Anti-Hypertensive	EP/USP	[98418-47-4]	<b>A</b>
Methylphenidate Hcl	CNS Stimulant	EP	[298-59-9]	
Metformin	Anti-Diabetic	EP/USP	[1115-70-4]	<b>480</b>
Metadoxine	Alcohol Abuse	PN	[74536-44-0]	
Mesalamine	Anti-Inflammatory	EP/USP	[89-57-6]	<b>A</b>
Meropenem	Anti-Bacterial	EP/JP/USP	[119478-56-7]	<b>80</b>
Meloxicam	NSAID	EP/USP	[71125-38-7]	•
Magnesium Valproate	Anti-Epileptic	PN	[62959-43-7]	
Luliconazole	Anti-Fungal	PN	[187164-19-8]	
Loteprednol Etabonate	Seasonal Allergic Conjunctivitis	PN	[82034-46-6]	<b>A</b>
Losartan Potassium	Anti-Hypertensive	EP/USP	[124750-99-8]	•
Levetiracetam	Anti-Epileptic	EP/USP	[102767-28-2]	<b>A</b> • •
Leuprolide Acetate	Anti-Cancer	PN	[74381-53-6]	<b>A</b>
Product	Therapeutic Category	Specs	CAS No.	DMF Stat

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Product	Therapeutic Category	Specs	CAS No.	DMF Status
Mirtazapine	Anti-Depressant	PN	[85650-52-8]	<b>A</b>
Naloxone Hcl	Opioid Antagonist	EP/USP	[357-08-4]	<b>A</b>
Naltrexone Hcl	Opioid Antagonist	EP/USP	[16676-29-2]	<b>A</b> •
Octreotide Acetate	Anti-Cancer	USP	[79517-01-4]	<b>A</b> ••
Ofloxacin	Anti-Infective	EP/USP	[82419-36-1]	•
Olanzapine	Anti-Psychotic	EP/USP	[132539-06-1]	•
Ondansetron Base / Hcl	Anti-Emetic	USP	[116002-70-1]	▲■● ◆
Orlistat	Anti-Obesity	PN/USP	[96829-58-2]	<b>A</b> • ••
Oxaliplatin	Anti-Cancer	EP/USP	[61825-94-3]	<b>A</b> • •
Oxcarbazepine	Anti-Epileptic	EP/USP	[28721-07-5]	<b>A</b>
Oxetacaine	Potent Local Anesthetic	PN	[126-27-2]	
Pantoprazole Sodium	Proton Pump Inhibitor	EP	[138786-67-1]	
Pemetrexed Disodium	Anti-Cancer	PN	[150399-23-8]	<b>A</b> • •
Pentazocine	Opioid Analgesic	IP/PN	[359-83-1]	
Pentoxifylline	Anti-Anginal	EP/USP	[6493-05-6]	<b>A</b> • •
▲ USDMF ■ CEP	● EDMF <b>⇒</b> JDMF	→ Kore	ean DMF	Canadian DMF

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Product	Therapeutic Category	Specs	CAS No.	DMF Statu
Phentermine Hcl	Appetite Suppressant	USP	[1197-21-3]	•
Quetiapine Fumarate	Anti-Psychotic	PN	[111974-72-2]	<b>A</b> •
Ranolazine	Anti-Anginal	PN	[95635-55-5]	<b>A</b>
Rosuvastatin Calcium	Cardiovascular	EP/USP	[147098-20-2]	<b>A</b>
Sertraline Hcl	Anti-Depressant	EP	[79559-97-0]	
Simvastatin	Cardiovascular	EP	[79902-63-9]	
Sodium Valproate	Anti-Epileptic	EP/USP	[1069-66-5]	<b>A</b>
Sumatriptan Succinate	Anti-Migraine	EP/USP	[103628-48-4]	<b>A</b>
Tamsulosin Hcl	Benign Prostatic Hyperplasia	EP/USP	[106463-17-6]	<b>A</b>
Temozolomide	Anti-Cancer	USP	[85622-93-1]	A • •
Terlipressin Acetate	Vasopressin Analogue	PN	[14636-12-5]	•
Testosterone Cypionate	Hormone Replacement	USP	[58-20-8]	<b>A</b>
Testosterone USP	Hormone Replacement	EP/USP	[58-22-0]	<b>A</b>
Tigecycline	Anti-Bacterial	PN	[220620-09-7]	
Tizanidine Hcl	Muscle Relaxant	USP	[64461-82-1]	<b>A</b> •

<sup>•</sup> PN - Producer's Norms

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# **SUN PRODUCTS**

Product	Therapeutic Category	Specs	CAS No.	DMF Status
Tolterodine Tartrate	Antimuscarinic and Antispasmodic	PN	[124937-52-6]	•
Topiramate	Anti-Epileptic	USP	[97240-79-4]	<b>A</b> • ••
Tramadol	Opioid Analgesic	EP/USP	[36282-47-0]	▲■ +●◆
Valganciclovir Hcl	Anti-Viral	PN	[175865-59-5]	•
Valproic Acid	Anti-Epileptic	EP/USP	[99-66-1]	<b>A</b>
Valsartan	Cardiovascular	EP/USP	[137862-53-4]	<b>A</b> • •
Zoledronic Acid	Anti-Osteoporosis	PN	[118072-93-8]	<b>A</b> • •
Zolpidem Tartrate	Hypnotic	EP/USP	[99294-93-6]	

<sup>•</sup> PN - Producer's Norms

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## ALKALOIDAPRODUCTS

Product	Therapeutic Category	Specs	CAS No.	DMF Sta
Acenocoumarol	Anti-Coagulant	BP	[152-72-7]	•
Buspirone Hcl	Anxiolytics	EP/USP	[33386-08-2]	
Codeine Base	Analgesic	BP/EP	[6059-47-8]	
Codeine Hcl	Analgesic	BP/EP	[5916-29-0]	
Codeine Phosphate Hemihydrate	Analgesic	BP/EP/USP	[41444-62-6]	••
Dihydrocodeine Hydrogentartrate Tartrate	Analgesic	BP/EP	[5965-13-9]	
Ethylmorphine Hcl	Analgesic	BP/EP	[6746-59-4]	
Hydroxychloroquine Sulphate	Anti-Malarial	USP	[747-36-4]	<b>A</b>
Morphine Sulphate	Analgesic	BP/EP	[6211-15-0]	
Noscapine Base	Anti-Tussive	BP/EP	[128-62-1]	•
Noscapine Hcl	Anti-Tussive	BP/EP	912-60-7]	
Oxycodone Hcl	Analgesic	EP	[124-90-3]	••
Phenobarbital Acid	Anti-Epileptic	BP/EP/USP	[50-06-6]	<b>A</b> • •
Phenobarbital Sodium	Anti-Epileptic	BP/EP	[57-30-7]	<b>A</b>
Pholcodine	Anti-Tussive	BP/EP	[509-67-1]	••

<sup>•</sup> PN - Producer's Norms

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# **CHATTEM PRODUCTS**

Product	Therapeutic Category	Specs	CAS No.	DMF Status
D-Amphetamine Base	CNS Simulant	PN	[51-64-9]	<b>A</b>
D-Amphetamine Sulfate	CNS Simulant	USP	[51-63-8]	<b>A</b>
DL-Amphetamine Sulfate	CNS Simulant	PN	[60-13-9]	<b>A</b>
D-Amphetamine Saccharate	CNS Simulant	PN	[300666-47-1]	
DL-Amphetamine Aspartate	CNS Simulant	PN	[25333-81-7]	
Ammonium Lactate	Topical Skin Use	USP	[515-98-0]	<b>A</b>
Benzphetamine Hcl	Weight Loss	PN	[5411-22-3]	<b>A</b>
Buprenorphine Hcl	Pain Management	PN	[53152-21-9]	
Butalbital	Depressant	USP	[77-26-9]	<b>A</b> •
Butabarbital Base	CNS Depressant	USP	[125-40-6]	
Butabarbital Sodium	CNS Depressant	USP	[143-81-7]	<b>A</b>
Calcium Oxybate	Anti-Coagulant	PN	[82316-97-0]	
Codeine Phosphate	Pain Management	PN	[52-28-8]	
Dihydrocodeine Bitartrate	Pain Management	PN	[5965-13-9]	<b>A</b>
Fentanyl Base	Pain Management	USP/EP/IP	[437-38-7]	<b>A</b>
▲ USDMF ■ CEP	● EDMF <b> ‡</b> JDMF	Kore	ean DMF	Canadian DMF

<sup>•</sup> PN - Producer's Norms

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# **CHATTEM PRODUCTS**

Product	Therapeutic Category	Specs	CAS No.	DMF Status
Fentanyl Citrate	Pain Management	USP/EP/IP	[990-73-8]	<b>A</b>
Glycine	Used in IV solutions	USP/EP	[56-40-6]	<b>A</b>
Hydrocodone Bitartrate	Pain Management	USP	[143-71-5]	<b>^</b>
Hydromorphone Hcl	Pain Management	USP	[71-68-1]	<b>^</b>
Hydroxyamphetamine HBr	Ophthalmic Solution	USP	[306-21-8]	<b>A</b>
Levmetamphetamine	Vasoconstrictor	USP	[33817-09-03]	
Levorphanol	Pain Management	PN	[77-07-6]	
Lisdexamphetamine Dimesylate	CNS Simulant	PN	[608-137-33-3]	<b>A</b>
Methamphetamine Hcl	CNS Simulant	USP	[51-57-0]	
Methylphenidate Base	CNS Simulant	USP/EP	[113-45-1]	<b>A</b>
Methylphenidate Hcl	CNS Simulant	USP	[298-59-9]	<b>A</b>
D-Methylphenidate Base	CNS Simulant	USP	[40421-64-9]	
D-Methylphenidate Hcl	CNS Simulant	USP	[19262-68-1]	<b>A</b>
Methenamine	Anti-Bacterial	USP	[100-97-0]	
Methenamine Mandelate	Anti-Bacterial	USP	[587-23-5]	
<b>USDMF</b> ■ CEP	● EDMF <b>⇒</b> JDMF	Kore	ean DMF •	Canadian DMF

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# **CHATTEM PRODUCTS**

Product	Therapeutic Category	Specs	CAS No.	DMF Status
Oxycodone HcI	Pain Management	USP/EP	[124-90-3]	<b>^</b>
Oxymorphone Hcl	Pain Management	USP	[357-07-3]	
Oripavine	Pain Management	PN	[467-04-9]	
Pamabrom	Diuretic	USP	[606-04-2]	
Sodium Oxybate	CNS Stimulant	PN	[502-85-2]	
Thebaine	Pain Management	PN	[115-37-7]	

▲ USDMF ■ CEP ● EDMF **⇒** JDMF **→** Korean DMF **→** Canadian DMF

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## **SUN AUSTRALIA PRODUCTS**

Product	Therapeutic Category	Specs	CAS No.	DMF Status
Codeine	Narcotic Raw Material	PN	[76-57-3]	
Codeine Phosphate Hemihydrate	Analgesic	EP/USP	[41111-62-6]	••
Morphine	Narcotic Raw Material	PN	[57-27-2]	
Noscapine	Anti-Tussive	PN	[128-62-1]	
Oripavine	Narcotic Raw Material	PN	[467-04-9]	
Thebaine	Narcotic Raw Material	PN	[115-37-7]	

▲ USDMF ■ CEP ● EDMF **⇒** JDMF **→** Korean DMF **→** Canadian DMF

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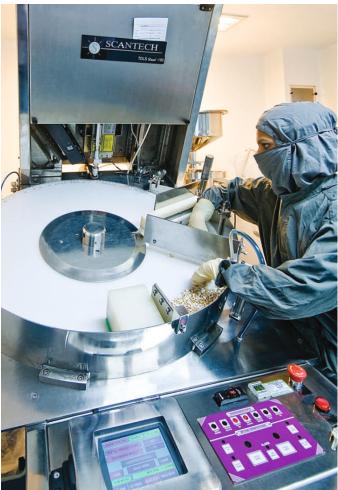




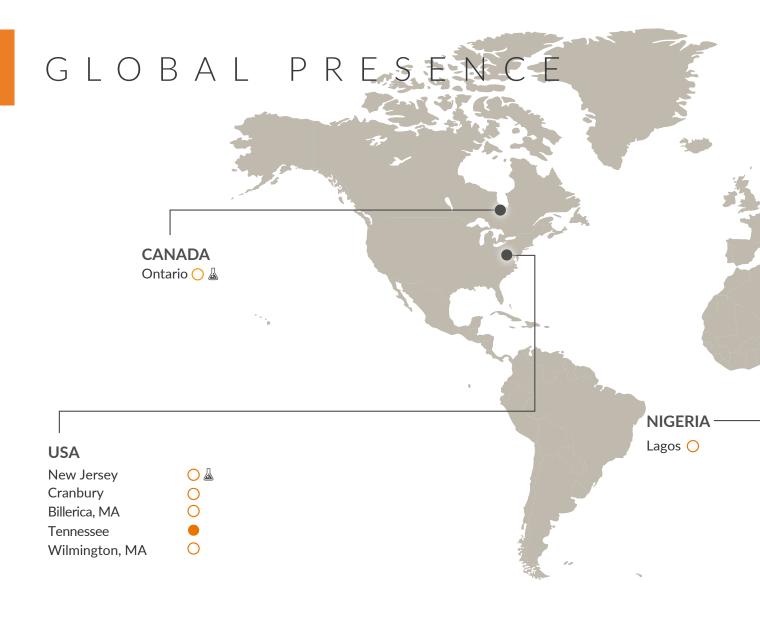




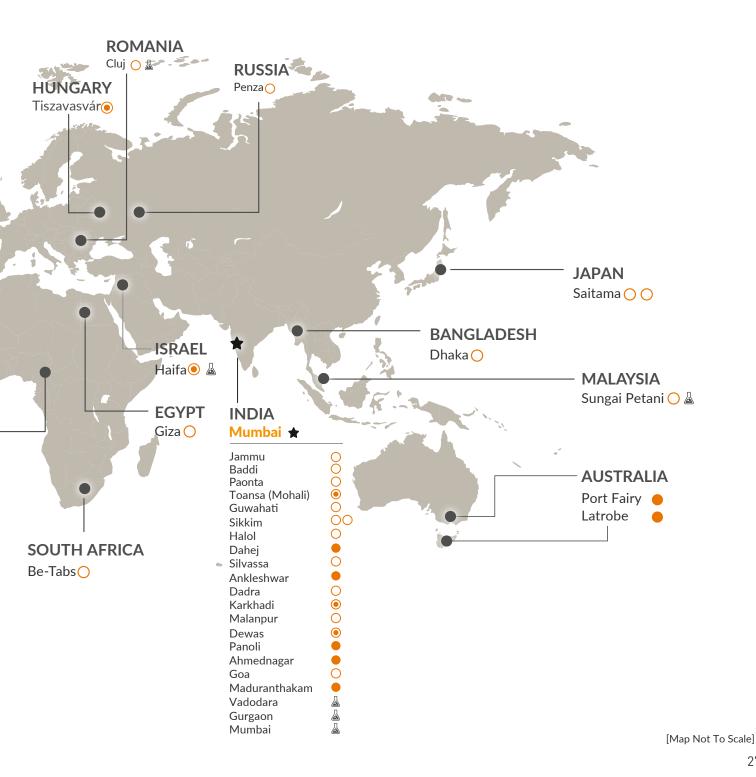








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