

AMPHETAMINES PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Amphetamine Aspartate	3993	25333-81-7	N/A	DMF	
Amphetamine Sulfate	4942	60-13-9	USP	DMF	
Dextroamphetamine Base	8875	51-64-9	N/A	DMF	
Dextroamphetamine Saccharate	2901	799787-69-2	N/A	DMF	
Dextroamphetamine Sulfate	1950	51-63-8	USP	DMF/ASMF	
Lisdexamfetamine Dimesylate	0248	608137-33-3	N/A		Under development

BUPRENORPHINE PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Buprenorphine Base EP	3205	52485-79-7	EP	DMF/ASMF/CEP	
Buprenorphine Hydrochloride USP	3210	53152-21-9	USP	DMF/ASMF/CEP	

COCAINE PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Cocaine Hydrochloride	1520	53-21-4	USP	DMF	

CODEINE PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Codeine Phosphate USP Coarse	1561	41444-62-6	USP	DMF/ASMF/CEP	
Codeine Phosphate USP Powder	1548	41444-62-6	USP/EP	DMF/ASMF/CEP	
Codeine Phosphate USP Special	1550	41444-62-6	USP/EP	DMF/ASMF/CEP	
Codeine Sulfate USP Powder	1580	6854-40-6	USP	DMF	

DIPHENOXYLATE HYDROCHLORIDE USP

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Diphenoxylate Hydrochloride USP	1592	3810-80-8	USP/ EP	DMF	
Diphenoxylate Hydrochloride with 1% Atropine	1593	N/A	N/A	DMF	

Controlled Substances-cont'd

FENTANYL PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Fentanyl Alkaloid	0129	437-38-7	USP/EP	DMF/ASMF/CEP	Canadian DMF also available
Fentanyl Alkaloid Powder	5527	437-38-7	USP/EP	DMF/ASMF/CEP	Canadian DMF also available
Fentanyl Citrate USP Fine Powder	1344	990-73-8	USP/EP	DMF/ASMF/CEP	
Fentanyl Citrate USP Powder	1205	990-73-8	USP/EP	DMF/ASMF/CEP	
Fentanyl Citrate USP Special	1130	990-73-8	USP/EP	DMF/ASMF/CEP	

HYDROCODONE PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Hydrocodone Base	1449	125-29-1	N/A	DMF	
Hydrocodone Bitartrate USP	1559	34195-34-1	USP/EP	DMF/ASMF	Canadian DMF also available

HYDROMORPHONE PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Hydromorphone Hydrochloride USP	3222	71-68-1	USP/EP	DMF/ ASMF	Canadian DMF also available

LEVORPHANOL PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Levorphanol Base	6255	77-07-6	N/A	DMF	
Levorphanol Tartrate	0545	5985-38-6	USP	DMF	

MEPERIDINE PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Meperidine Hydrochloride USP	1585	50-13-5	USP/JP	DMF	

Controlled Substances-cont'd

METHADONE PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Dextromethadone Hydrochloride	8514	15284-15-8	N/A	DMF	
Methadone Hydrochloride USP Powder	1510	1095-90-5	USP	DMF	
Methadone Hydrochloride USP Powder Special	8887	1095-90-5	USP	DMF	
Methadone Hydrochloride USP Coarse	9383	1095-90-5	USP	DMF	

METHYLPHENIDATE PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Dexmethylphenidate Hydrochloride	1039	19262-68-1	N/A	DMF	
Methylphenidate Base	7654	113-45-1	N/A	DMF/ ASMF	
Methylphenidate Hydrochloride Fine Powder	1335	298-59-9	USP	DMF/ ASMF	CEP application pending
Methylphenidate Hydrochloride USP	0570	298-59-9	USP	DMF/ ASMF	

MORPHINE PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Morphine Sulfate USP (Special)	1521	6211-15-0	USP	DMF/ ASMF	Canadian DMF also available
Morphine Sulfate USP Powder	1516	6211-15-0	USP	DMF/ ASMF	Canadian DMF also available

NALS PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Methylnaltrexone Bromide	1251	73232-52-7	USP	DMF/ ASMF	
Nalbuphine Hydrochloride	3360	23277-43-2	N/A	DMF/ ASMF	Canadian DMF also available
Nalmefene Hydrochloride	5690	58895-64-0	USP/EP		Under development
Naloxone Hydrochloride USP	1492	51481-60-8	USP	DMF/ ASMF/ CEP	Canadian DMF also available
Naltrexone Base Anhydrous	3940	16590-41-3	N/A	DMF/ ASMF	
Naltrexone Base Anhydrous	4605	16590-41-3	N/A	DMF/ ASMF	Canadian DMF also available
Naltrexone Hydrochloride USP	1479	16676-29-2	USP/EP	DMF/ ASMF	CEP application pending

Controlled Substances-cont'd

NOSCAPINE PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Noscapine Base Small Crystal, JP	5887	128-62-1	JP	DMF	
Noscapine Base Small Crystal, USP/EP	6047	128-62-1	USP/EP/JP	DMF/ ASMF	

OPIUM PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Opium Powder	1676	N/A	USP	DMF	

OXYCODONE PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Oxycodone Base	8180	76-42-6	N/A	DMF	
Oxycodone Hydrochloride USP	8865	124-90-3	USP	DMF/ASMF	

OXYMORPHONE PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Oxymorphone Base	3433	76-41-5	N/A	DMF	
Oxymorphone Hydrochloride (LA)	0790	357-07-3	USP	DMF/ASMF	

SUFENTANIL PRODUCT FAMILY

Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Sufentanil Base	0310	56030-54-7	EP	DMF/ASMF	
Sufentanil Citrate USP/EP	0678	60561-17-3	USP/EP	DMF/ASMF	CEP application pending

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