

Prevention Guide

Safe Handling of Hazardous Drugs



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ASSTSA S
ensemble en prévention




APPENDIX 2 - List of Hazardous Drugs (according to NIOSH) and According to the Classifications of the MSSS Liste de médicaments-établissements

This appendix contains the list of hazardous drugs in the NIOSH Alert published in 2004. The list includes labeling suggestions for health professionals and patients. It should be noted that the labeling corresponds closely to the preventive measures proposed in this guide.

However, during the summer of 2007, NIOSH began a consultation process with a view to adding other drugs to this list. As part of this consultation process, NIOSH published a list of drugs considered hazardous or non-hazardous, specifying for each the risks related to carcinogenicity, teratogenicity, mutagenicity, reproductive toxicity or organ toxicity. Unfortunately, the initial list (shown below) does not include a summary table showing each drug according to type of risk. The reader is strongly encouraged to check the progress of this update on the NIOSH Web site (<http://www.cdc.gov/niosh/review/public/105/default.html>).

HAZARDOUS DRUGS	AHFS	THERAPEUTIC CLASSIFICATION		SUGGESTED LABELING FOR HEALTH PROFESSIONALS AND PATIENTS	"CAUTION" Indication
Aldesleukin	10:00	Antineoplastic agents	✓		
Alemtuzumab	10:00	Antineoplastic agents	✓		
Alitretinoin	84:36	Others, skin and mucosa			✓
Altretamine	10:00	Antineoplastic agents	✓		
Amsacrine	10:00	Antineoplastic agents	✓		
Anastrozole	10:00	Antineoplastic agents	✓		
Arsenic trioxide	10:00	Antineoplastic agents	✓		
Asparaginase	10:00	Antineoplastic agents	✓		
Azactidine	Not in AHFS	Antineoplastic agents	✓		
Azathioprine	92:00	Unclassified therapeutic agents (immunosuppressant)			✓
Bacillus Calmette-Guérin	80:12	Vaccines			✓
Bexarotene	10:00	Antineoplastic agents	✓		
Bicalutamide	10:00	Antineoplastic agents	✓		
Bleomycin	10:00	Antineoplastic agents	✓		
Busulfan	10:00	Antineoplastic agents	✓		
Capecitabine	10:00	Antineoplastic agents	✓		
Carboplatin	10:00	Antineoplastic agents	✓		
Carmustine	10:00	Antineoplastic agents	✓		
Cetrorelix acetate	92:00	Unclassified therapeutic agents (GnRH antagonist)			✓

HAZARDOUS DRUGS	AHFS	THERAPEUTIC CLASSIFICATION		SUGGESTED LABELING FOR HEALTH PROFESSIONALS AND PATIENTS	"CAUTION" Indication
Chlorambucil	10:00	Antineoplastic agents	✓		
Chloramphenicol	8:12	Antibiotics			✓
Chorogonadotropin alfa	68:18	Gonadotropins			✓
Cidofovir	8:18	Antivirals			✓
Cisplatin	10:00	Antineoplastic agents	✓		
Cladribine	10:00	Antineoplastic agents	✓		
Colchicine	92:00	Unclassified therapeutic agents (mitotic inhibitor)			✓
Cyclophosphamide	10:00	Antineoplastic agents	✓		
Cyclosporin	92:00	Immunosuppressant			✓
Cytarabine	10:00	Antineoplastic agents	✓		
Dacarbazine	10:00	Antineoplastic agents	✓		
Dactinomycin	10:00	Antineoplastic agents	✓		
Daunorubicin HCl	10:00	Antineoplastic agents	✓		
Denileukin	10:00	Antineoplastic agents	✓		
Dienestrol	68:16.04	Estrogens			✓
Diethylstilbestrol	Not in AHFS	Nonsteroidal synthetic estrogen			✓
Dinoprostone	76:00	Oxytocics			✓
Docetaxel	10:00	Antineoplastic agents	✓		
Doxorubicin	10:00	Antineoplastic agents	✓		
Dutasteride	92:00	Unclassified therapeutic agents (5-alpha reductase inhibitor)			✓
Epirubicin	10:00	Antineoplastic agents	✓		
Ergonovine/methylergonovine	76:00	Oxytocics			✓
Estradiol	68:16.04	Estrogens			✓
Estamustine phosphate sodium	10:00	Antineoplastic agents	✓		
Estrogen-progestin combinations	68:12	Contraceptives			✓
Estrogens, conjugated	68:16.04	Estrogens			✓

SUGGESTED LABELING FOR HEALTH PROFESSIONALS AND PATIENTS




HAZARDOUS DRUGS

AHFS

THERAPEUTIC CLASSIFICATION

"CAUTION" Indication

Estrogens, esterified	68:16:04	Estrogens	✓
Estrone	68:16:04	Estrogens	✓
Estropipate	68:16:04	Estrogens	✓
Etoposide	10:00	Antineoplastic agents	✓
Exemestane	10:00	Antineoplastic agents	✓
Finasteride	92:00	Unclassified therapeutic agents (5-alpha reductase inhibitor)	✓
Floxuridine	10:00	Antineoplastic agents	✓
Fludarabine	10:00	Antineoplastic agents	✓
Fluorouracil	10:00	Antineoplastic agents	✓
Fluoxymesterone	68:08	Androgens	✓
Flutamide	10:00	Antineoplastic agents	✓
Fulvestrant	10:00	Antineoplastic agents	✓
Ganciclovir	8:18	Antivirals	✓
Gonirelix acetate	92:00	Unclassified therapeutic agents (GnRH antagonist)	✓
Gemcitabine	10:00	Antineoplastic agents	✓
Gemtuzumab ozogamicin	10:00	Antineoplastic agents	✓
Gonadotropin, chorionic	68:18	Gonadotropins	✓
Goserelin	10:00	Antineoplastic agents	✓
Hydroxyurea	10:00	Antineoplastic agents	✓
Ibritumomab flutetan	10:00	Antineoplastic agents (monoclonal antibodies bound to radioactive isotopes, thus risk of radioactivity)	✓
Idarubicin	Not in AHFS	Antineoplastic agents	✓
Ifosfamide	10:00	Antineoplastic agents	✓
Imatinib mesylate	10:00	Antineoplastic agents	✓
Interferon alfa-2a	10:00	Antineoplastic agents	✓
Interferon alfa-2b	10:00	Antineoplastic agents	✓
Interferon alfa-n1	10:00	Antineoplastic agents	✓

HAZARDOUS DRUGS		AHFS	THERAPEUTIC CLASSIFICATION	SUGGESTED LABELING FOR HEALTH PROFESSIONALS AND PATIENTS	
					"CAUTION" Indication
Interferon alfa-n3	10:00	Antineoplastic agents	✓		
Irinotecan HCl	10:00	Antineoplastic agents	✓		
Leflunomide	92:00	Unclassified therapeutic agents (antineoplastic agent)	✓		
Letrozole	10:00	Antineoplastic agents	✓		
Leuprolide acetate	10:00	Antineoplastic agents	✓		
Lomustine	10:00	Antineoplastic agents	✓		
Mechlorethamine	10:00	Antineoplastic agents	✓		
Megestrol	10:00	Antineoplastic agents	✓		
Melphalan	10:00	Antineoplastic agents	✓		
Menotropines	68.18	Gonadotropins			✓
Mercaptopurine	10:00	Antineoplastic agents	✓		
Methotrexate	10:00	Antineoplastic agents	✓		
Methyltestosterone	68:08	Androgens			✓
Mifepristone	76:00	Oxytocics			✓
Mitomycin	10:00	Antineoplastic agents	✓		
Mitotane	10:00	Antineoplastic agents	✓		
Mitoxantrone HCl	10:00	Antineoplastic agents	✓		
Mycophenolate mofetil	92:00	Immunosuppressants			✓
Nafarelin	68.18	Gonadotropins			✓
Nilutamide	10:00	Antineoplastic agents	✓		
Oxaliplatin	10:00	Antineoplastic agents	✓		
Oxytocin	76:00	Oxytocics			✓
Paclitaxel	10:00	Antineoplastic agents	✓		
Pegaspargase	10:00	Antineoplastic agents	✓		
Pentamidine isethionate	8:40	Miscellaneous anti-infectives			✓
Pentostatin	10:00	Antineoplastic agents	✓		
Perphosphamide	Not in AHFS	Antineoplastic agents	✓		
Pipobroman	Not in AHFS	Antineoplastic agents	✓		
Piritrexim isethionate	Not in AHFS	Antineoplastic agents	✓		

SUGGESTED LABELING FOR HEALTH PROFESSIONALS AND PATIENTS




**"CAUTION"
Indication**

THERAPEUTIC CLASSIFICATION

AHFS

HAZARDOUS DRUGS

Plicamycin	Not in AHFS	Antineoplastic agents	✓	
Podofilox	84:36	Others, skin and mucosa		✓
Podophyllum resin	84:36	Others, skin and mucosa		✓
Prednimustine	Not in AHFS	Antineoplastic agents	✓	
Procarbazine	10:00	Antineoplastic agents	✓	
Progesterone	68:32	Progestins		✓
Progestins	68:12	Contraceptives		✓
Raloxifen	68:16.12	Estrogen agonists-antagonists		✓
Raltitrexed	Not in AHFS	Antineoplastic agents	✓	
Ribavirin	8:18	Antivirals		✓
Streptozocin	10:00	Antineoplastic agents	✓	
Tacrolimus	92:00	Unclassified therapeutic agents (immunosuppressant)		✓
Tamoxifen	10:00	Antineoplastic agents	✓	
Temozolomide	10:00	Antineoplastic agents	✓	
Teniposide	10:00	Antineoplastic agents	✓	
Testolactone	10:00	Antineoplastic agents	✓	
Testosterone	68:08	Androgens		✓
Thalidomide	92:00	Unclassified therapeutic agents (immunomodulator)		✓
Thioguanine	10:00	Antineoplastic agents	✓	
Thiotepa	10:00	Antineoplastic agents	✓	
Topotecan	10:00	Antineoplastic agents	✓	
Toremifene citrate	10:00	Antineoplastic agents	✓	
Tositumomab	Not in AHFS	Antineoplastic agents (monoclonal antibodies bound to radioactive isotopes, thus risk of radioactivity)	✓	

HAZARDOUS DRUGS	AHFS	THERAPEUTIC CLASSIFICATION	 SUGGESTED LABELING FOR HEALTH PROFESSIONALS AND PATIENTS	"CAUTION" Indication
Tretinoin	84:16	Cell stimulants and proliferants		✓
Trifluridine	52:04.06	Antivirals		✓
Trimetrexate glucuronate	8:40	Miscellaneous anti-infectives (folate antagonist)		✓
Triptorelin	10:00	Antineoplastic agents	✓	
Uracil mustard	Not in AHFS	Antineoplastic agent	✓	
Valganciclovir	8:18	Antivirals		✓
Valrubicin	10:00	Antineoplastic agents	✓	
Vidarabine	52:04.06	Antivirals		✓
Vinblastine sulfate	10:00	Antineoplastic agents	✓	
Vincristine sulfate	10:00	Antineoplastic agents	✓	
Vindesine	Not in AHFS	Antineoplastic agent	✓	
Vinorelbine tartrate	10:00	Antineoplastic agents	✓	
Zidovudine	8:18	Antiretroviral agents		✓