

Summary of Inactive Ingredients in Pancreatic Enzymes – August 2008

ENZYME	INACTIVE INGREDIENTS
Creon®	Dibutyl phthalate (DBP), hydroxypropyl methylcellulose phthalate
Pancrease®	Diethyl phthalate (DEP)
Pancrease* MT®	<i>No phthalates listed</i>
Ultrase*®	<i>No phthalates listed</i>
Ultrase MT®	Hydroxypropyl methylcellulose phthalate (HP55)
Pancrecarb®	cellulose acetate phthalate, diethyl phthalate (DEP)
Cotazym*®	<i>No phthalates listed</i>
Cotazym ECS®	Cellulose acetate phthalate, diethyl phthalate (DEP)

* No phthalates are listed in the formulations for Ultrase, Pancrease MT and Cotazyme. Remember: Ultrase is a different formulation than Ultrase MT and Pancrease MT is a different formulation than Pancrease.

Creon® - <http://www.solvaypharmaceuticals-us.com/products/creonproductinformation/0,998,12444-2-0,00.htm>

Creon 5, 10, 20 Minimicrospheres - Inactive ingredients include dibutyl phthalate, dimethicone, hydroxypropyl methylcellulose phthalate, light mineral oil and polyethylene glycol. The capsule shells contain gelatin, red iron oxide, titanium dioxide, yellow iron oxide and FD & C blue No. 2. The capsule imprinting ink contains dimethicone, 2-ethoxyethanol, shellac, soya lecithin, and titanium dioxide.

Pancrease® - http://www.mcneilpediatrics.net/mcneilpediatrics/shared/pi/pancrease_mt.pdf

Pancrease - Inactive ingredients: povidone, sodium starch glycolate, sugar (sucrose) spheres, cellulose acetate phthalate, diethyl phthalate, talc, corn starch, titanium dioxide, gelatin, and other trace ingredients.

Pancrease MT 4, 10, 16 & 20 - Inactive ingredients are cellulose, crospovidone, magnesium stearate, colloidal silicon dioxide, methacrylic acid copolymer, triethyl citrate, talc, polydimethylsiloxane, wax, gelatin, iron oxide, polysorbate 80, sodium lauryl sulfate, titanium dioxide, and other trace ingredients.

Ultrase® - <http://www.axcan.com/prescribingultrase.php?lang=1>

Ultrase - Inactive ingredients: povidone, talc, sugar, methacrylic acid copolymer (Type C), triethyl citrate, simethicone emulsion.

Ultrase MT 12, 18, 20 - Inactive ingredients: gelatin, hydrogenated castor oil, silicon dioxide, magnesium stearate, croscarmellose sodium, microcrystalline cellulose, hydroxypropyl methylcellulose phthalate (HP 55) (as dry substance), talc, triethyl citrate, iron oxides and titanium dioxide.

Pancrecarb® - http://www.digestivecare.com/pancrecarb_prescribing_info.htm

PANCRECARB® - Inactive ingredients: sodium carbonate, sodium bicarbonate, cellulose acetate phthalate, diethyl phthalate, gelatin, sodium carboxymethyl starch, polyvinylpyrrolidone, talc, ursodiol, and other trace ingredients.

Cotazym® - **No Web site available with inactive ingredients listed**

Cotazym - Inactive ingredients: gelatin, magnesium stearate, opacode S-1-4126 (print ink), precipitated calcium carbonate, pregelatinized starch, silicon dioxide, sodium lauryl sulfate and talc.

Cotazym-65 B - Inactive ingredients: colloidal silicon dioxide, gelatin, magnesium stearate, opacode S-1-4126 (print ink), precipitated calcium carbonate, silicon dioxide, sodium lauryl sulfate and titanium dioxide.

Cotazym ECS 4, 8, 20 - Inactive ingredients: cellulose acetate phthalate, colloidal silicon dioxide, cornstarch, diethyl phthalate, gelatin, opacode S-1-4126 (print ink), povidone, propylene glycol monostearate, silicon dioxide, sodium lauryl sulfate, sucrose and talc.