

UNIMMAP MULTIPLE MICRONUTRIENT SUPPLEMENTS (MMS) FOR PREGNANT WOMEN

PACKAGING OPTIONS, COSTS, AND ENVIRONMENTAL IMPACT – SEPTEMBER 2023

							
	180 Count	180 Count	100 Count	90 Count	30 Count	30 Count	Bulk
PACKAGING FEATURES	Child resistant cap with tamper-evident induction seal. HDPE bottle.	Child resistant cap with tamper-evident induction seal. HDPV bottle.	No child resistant features. Other packaging features unknown.	Child resistant cap with tamper-evident induction seal. HDPE bottle.	Child resistant cap with tamper-evident induction seal. HDPE bottle.	Polyvinyl film with foil/paper and unknown child resistant features.	No child-resistant or tamper-proof features.
COST PER TABLET	.0123 USD ^{1,2}	.0164 USD ²	.0193 USD ²	.0147 USD ²	.0230 USD ²	.0337 USD ²	.0124 USD ^{2,3}
FINANCIAL IMPLICATIONS Per million women (per 180 doses)	\$2,220,000	\$2,952,000 ⁴	\$3,474,000	\$2,646,000	\$4,140,000	\$6,060,000 ⁵	\$2,232,000 ⁶
ENVIRONMENTAL IMPLICATIONS Per million women (per 180 doses)	Total waste: 24,500 kg	Total waste: 33,400 kg	Total waste: 39,120 kg ⁷	Total waste: 39,120 kg	Total waste: 94,560 kg	Total waste: 81,060 kg ⁸	Total waste: 4,073 kg ⁹
ORDER INFORMATION	Visit CPC.com to order.	Provided by dsm-firmenich from our African production site. Contact Yannick.Foing@dsm.com to order.	Visit supply.unicef.org to order.	For implementation research purposes, visit kirkhumanitarian.org to order. For all others, visit CPC.com to order.		Visit supply.unicef.org to order.	Visit CPC.com to order.

¹ Prices are based on a high-volume guarantee. Current costing is based on a quantity of 1.8 billion tablets.

The product cost is higher for customers who buy the MOQ (minimum order quantity) of 18 million tablets.

² The current recommendation for MMS dosing is 180 tablets per pregnancy beginning as early as possible.

³ Bulk amount = 40,000 tablets. Current costing is based on a quantity of 180 million tablets. MMS shipped in bulk requires repackaging for consumer use before distribution (business-to-business (B2B) option).

⁴ Prices are subject to changes and are dependent on various factors, including but not limited to purchase volumes, raw material costs, place of manufacture and exchange rates. Current costing is based on an offering out of Africa.

⁵ 6 blister packs x 30 tablets per pack = 180 tablets

⁶ Additional repackaging costs for consumer use (required before distribution) are not included in this amount.

⁷ 100 count bottle waste assumption based off of 90 count bottle waste amount.

⁸ It is more difficult and costly to recycle polyvinyl film and foil compared to HDPE bottles.

⁹ Waste amounts are variable, contingent on both bulk configuration and required repackaging.