

**Comparative analysis of costs of standard reagents for pools with “DEZAVID-POOL”,
as per a pool of 100 m³**

<i>Initial cost at launch</i>				
Standard reagents		Cost (EURO)	DEZAVID-POOL + 1 month exploitation	Cost (EURO)
1	pH volume reducer –1.5 kilos	6	1.41	79.8
2	Hypocloride of calcium/sodium in granules	21		
3	Algaecide - 4 litres	15		
4	Flocculent -1 litres	7		
Total:		49	Total:	79.8

<i>Pool servicing (per month)</i>				
Standard reagents		Cost (EURO)	DEZAVID-POOL	Cost (EURO)
1	pH volume reducer - 3 kg	11	0,81	45.6
2	Hypocloride of calcium/sodium (15%) – 75 kg	135		
3	Hypocloride of calcium/sodium in granules (shocking chlorination) –1.5 kg	21		
4	Algaecide – 6.5 litres	25		
5	Flocculent – 1.5 litres	11		
Total:		203	Total:	45.6

<i>Pool servicing (per annum)</i>				
Standard reagents		Cost (EURO)	DEZAVID-POOL	Cost (EURO)
Total :		2485	10,21	581,4

The formula to calculate the required amount of DEZAVID is as follows:

The required amount of DEZAVID = the volume of water (pool length x pool width x water level) x DEZAVID dose*

* The initial dose is 8 grams per 1 cubic meter; the maintenance dose is 4 grams per 1 cubic meter.

The maintenance dose ought to be added periodically, **every two weeks**.

Thus, the required amount of Dezavid is:

Month 1:

- initial dose: **8 grams per 1 cubic meter x 100 cubic meters = 0.8 litres**

- weekly dose: **2 grams per 1 cubic meter x 100 cubic meters = 0.2 litres x 3 times = 0.6 litres**

Total per month 1: 0.8 + 0.2 + 0.2 + 0.2 = 1.4 litres

Every following month: 0.4 + 0.4 = 0.8 litres

Total per year: 1.4 + (0.8 x 11) = 10.2 litres.

Use of Dezavid leads to a reduction of pool exploitation costs due to:

- No need to test the existence of fixed chlorine and cyanuric acid.
- Lower costs of transportation and storage of chemicals.
- Maintenance staff is reduced by half
- No need in a 10 day water cycling of 8-10% to comply with required standards for chlorine and cyanuric acids
- No need to apply chlorine stabilizer when using liquid hypochloride of calcium/sodium.