



V MINERAL®

PERLITE FILTRATION ADJUVANT, INERT,
CLASSIFIED AS "NOT HAZARDOUS"

COMPOSITION



Very pure perlite powders.

CHARACTERISTICS



V MINERAL® is a range of mineral flours selected for their particular purity. Combined with the calcination treatment at about 1000°C, this purity guarantees the total absence of unwanted organoleptic (anomalous tastes and smells) and chemical (calcium, heavy metals, ...) transfers.

The precise granulometric selection gives the user the widest choice regarding permeability for streaming and vacuum filtration.

V MINERAL® is classified as 'non-hazardous' unlike other products of fossil nature since it contains only a small amount of crystalline silica.

Several experiments made since 1996 have allowed to develop mineral flours with performances comparable to those fossils.

All V MINERAL® flours are in white powders form and (even the finest ones) odorless, white.

V Mineral are available in the following types:

	V MINERAL®				V MINERAL® VACUUM		
	1	3	5	7	9	10	12
Speed filtration index	< 20	20 - 45	30 - 55	90 - 110	115 - 135	125 - 155	130 - 210
Permeability (Darcy)	-	0.04 - 0.2	-	-	1.3 - 1.8	1.5 - 2.4	1.7 - 4.4
Panel density (g/L)	< 337.6	< 416	< 289.6	< 243.2	< 200	< 200	< 180
Odour transfer	none	none	none	none	none	none	none
pH (at 20°C)	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10
Floating particles (mL/20g)	trace	< 2	< 4	< 10	< 40	< 30	< 70



V MINERAL®

PERLITE FILTRATION ADJUVANT, INERT,
CLASSIFIED AS "NOT HAZARDOUS"

APPLICATIONS



Given the high purity and chemical inertness, V MINERAL® powders are recommended for the streaming filtration of all beverages, especially wine.

A higher number after V MINERAL® (1 – 3 – 5 – 7) indicates a higher permeability with a lower separating effect. V MINERAL® VACUUM powders have been specifically developed to satisfy the performance of vacuum filters.

When using V MINERAL® comply with the relative legal regulations in force

DIRECTIONS FOR USE



Dissolve V MINERAL® directly in the product and add it to the dosage system of the streaming filter.

DOSAGE



40 to 150 g/hL depending of the type of product to be filtered.

PACKAGING



V MINERAL® 1, 3 and 5 are available in 18 kg. bags;
V MINERAL® 7 is available in 16 kg. bags;
V MINERAL® VACUUM 9, 10 and 12 in 13 kg. bags.

STORAGE



Store in a cool, dry, and odor-free place.

HAZARD



Based on the current European regulations the product is classified: not hazardous.