

Radicel

Cellulose filter aid.

CHARACTERISTICS

Radicel is a specially designed filter aid made from pure cellulose. It is a chemically inert substrate insoluble in edible liquids.

Radicel is pre-treated to give it a high absorption capacity, making it ideal for forming uniform filter bed pre-coats. Its complex structure increases filtration effectiveness and gives it its deep-acting retention capacity. Radicel's elasticity makes it highly resistant to pressure shock, especially when used with vertical plate filters.

APPLICATIONS

Filtration:

- Edible liquids: wines, musts, juices, beers, ciders, etc.
- Industrial liquids: chemicals, pharmaceuticals, etc. (as a filter cloth pre-coat medium).

Radicel is specially designed to achieve thorough moistening when mixed with diatomaceous earth to form a uniform filtration layer.

COMPOSITION

100% cellulose.

DOSAGE

10-25 % of the total pre-coat volume.

INSTRUCTIONS FOR USE

Incorporate to the pre-coat preparation mixed with **Radifil** diatomaceous earth.

After filtration, the pre-coat is easily separated from the plates or filter media, thereby facilitating filter cleaning, even with automatic filters.

PHYSICAL APPEARANCE

Radical 150 e 200: White powder.

Radical 2000: : White fibres.

PACKAGING

Radical 150: 20-kg bags; 800-kg pallets.

Radical 200: 20-kg bags; 640-kg pallets.

Radical 2000: 10-kg bags; 300-kg pallets.

PHYSICO-CHEMICAL PROPERTIES

Radical	150	200	2000
pH [10% suspension]	5,0-7,5	5,0-7,5	5,0-7,5
Ash [%]	< 0,5	< 0,5	< 0,5
Heavy metals [ppm]	< 10	< 10	< 10
Average fibre length [m]	35	150	800
Loose bulk density [g/L]	170-190	130-170	20-50
Packed bulk density [ml/50g]	140-165	200-230	400-500
Screen analysis on > 420 µm [%]	0	0	0-30
Screen analysis thru < 150 µm [%]	95-100	95-100	0-40
Screen analysis thru < 75 µm [%]	80-100	55-100	0-20

STORAGE

Store in the original packaging in a cool, dry, odour-free place.

RGSEAA: 31.00391/CR

This product complies with the International Oenological Codex and EC Regulation No 606/2009.