

# Radichel

Cellulose filter aid.

## CHARACTERISTICS

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

**Radichel** 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. Radichel'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).

**Radichel** 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**

**Radichel 150 and 200:** White powder.

**Radichel 2000:** : White fibres.

**PACKAGING**

**Radichel 150:** 20-kg bags; 800-kg pallets.

**Radichel 200:** 20-kg bags; 640-kg pallets.

**Radichel 2000:** 10-kg bags; 300-kg pallets.

**PHYSICO-CHEMICAL PROPERTIES**

| <b>Radichel</b>                              | <b>150</b> | <b>200</b> | <b>2000</b> |
|--|------------|------------|-------------|
| pH [10%]                                     | 5,0-7,5    | 5,0-7,5    | 5,0-7,5     |
| Moisture [10%]                               | < 7        | < 7        | < 7         |
| Ash [%]                                      | < 0,5      | < 0,5      | < 0,5       |
| As [mg/kg]                                   | <2         | <2         | <2          |
| Pb [mg/kg]                                   | <2         | <2         | <2          |
| Hg [mg/kg]                                   | < 1        | < 1        | < 1         |
| Cd [mg/kg]                                   | < 1        | < 1        | < 1         |
| Average fibre length [ $\mu\text{m}$ ]       | 100        | 150        | 800         |
| Dry Volume                                   | 140-165    | 200-230    | 400-500     |
| Screen analysis on > 420 $\mu\text{m}$ [%]   | 0          | 0          | 0-30        |
| Screen analysis thru < 150 $\mu\text{m}$ [%] | 95-100     | 95-100     | 0-40        |
| Screen analysis thru < 75 $\mu\text{m}$ [%]  | 80-100     | 55-100     | 0-20        |

**STORAGE**

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

Once open, use as soon as possible.

Preferential consumption: before 2 years from packaging.

**RGSEAA: 31.00391/CR**

*This product complies with the International Oenological Codex and UE Regulation 2022/68.*