



## NEW PRODUCT RANGE

### Lyofast MWO - MW

Sacco introduces the new range of mesophilic Lyofast MWO and MW cultures suitable to improve the benefit/cost of its direct cultures used on lactic curd, fresh cheese and semi hard cheese.

The importance of the acidifying activity of the starters in the first phases of the production of lactic curd, fresh cheese and semi hard cheese is well known. The kinetic of acidification will control the draining-off (or the retention of moisture) that, added to the mechanic operations, will control the water activity in the final product. From this point all the ripening biochemical reactions will start.

- The new line of MWO and MW cultures will guarantee a better and faster acidifying activity in a range of temperatures between 22° and 37° C.

- No need to add of *Streptococcus thermophilus* or additional cultures to obtain an initial acidification.

- The proper use of Lyofast MWO and Lyofast MW will give the right enzymatic charge to obtain the correct ripening and a defined sensory profile.

- The MWO and MW range allow the reduction of the cost culture/vat, the use of 1 UC/100 litres gives the same activity of a dosage of 1% of semi-direct culture allowing to get an optimal acidification kinetic for the process in long and short set as well.

### Composition blend

Could you find in the following box the product list and the composition of the differents blends.

### Nomenclature explanation:

i.e. MW mesophilic  
O homofermentative (0 gas)

First N° 0 viscosity level (no viscosity)  
Second N° 3 acidity level (medium)  
Third N° 0 phage rotation number  
Last Letter N percent rate of diacet/leuconostoc

	RANGE	Lc.lactis ssp lactis	Lc.lactis ssp cremoris	Lc.lactis ssp.lactis biovar diacetylactis	Leuconostoc
HOMOFERMENTATIVE	MW0030-1-2	X	X		
DEFINED BLENDS	MW0040 -1-2	X			
	MW0043SL-44SL	X			
HOMOFERMENTATIVE	MW0036	X	X		
UNDEFINED BLENDS	MW0046	X	X		
HETEROFERMENTATIVE	MW030-3 M	X	X	X	X
DEFINED BLEND	MW030-1-2 -3 R	X	X	X	X
	MW030 S	X	X	X	X
	MW030-1-2 T	X	X	X	X
HETEROFERMENTATIVE	MW036 L	X	X	X	X
UNDEFINED BLEND	MW036 M	X	X	X	X
	MW036 N	X	X	X	X
	MW036 P	X	X	X	X
	MW036 R	X	X	X	X
	MW036 S	X	X	X	X
	MW036 T	X	X	X	X
	MW046 N	X	X	X	X

