

# MCR95

## TECHNICAL DATA SHEET

MCR 95 acts as a multi-functional additive in water based paints, increasing and regulating pH and eliminating completely the use of ammonia in the formula. Incorporating MCR 95 to the grind optimizes levels of dispersants, wetting and coalescent agents, improves performance and minimizes costs!

MCR 95 also allows water emulsification in solvent based paints. This drastically reduces the content of volatile organic compounds (VOC), adjusting to the highest standards of environmental care and especially reducing costs!

Unlike MCR 95, dispersant and wetting agents remain in the dried film and detract the performance of the paint. By replacing ammonia with MCR 95, you will not only benefit by a lower cost formulation. Reduction of these additives will result in performance benefits such as better water and scrub resistance.

MCR 95 can be applied on every water based emulsion coating, being especially interesting because of price convenience when compared against AMP 95 or similar. Adding MCR 95 as neutralizing agent for Alkyds permits emulsification of water in solvent borne systems as well.

### BENEFITS

- ▶ *Reduce dispersant agent by 25%*
- ▶ *Reduce wetting agent by 25%*
- ▶ *Reduce coalescing agent by 10%*

PARAMETERS	SPECIFICATION
Aspect	Clear liquid
Odor	Mild
Color Gardner	< 1
Density	1,0 +/- 0,1
Melting point	≈ 0 °C
Solubility	Complete in water
pH solution 5%	12 +/- 0,6
Non volatiles	0%
Composition	Organic amine derivative
Active matter	Minimum 94%

#### SMART CHEMICALS SRL

Montes de Oca 1203  
B1609BWM, Boulogne  
Buenos Aires, Argentina  
Ph/Fax (+54 11) 4765-9657



[www.smartchem.com.ar](http://www.smartchem.com.ar)