



Renaissance Chemicals Limited
Unit 1
Blackwood Hall Business Park
North Duffield Selby
YO8 5DD UK
+44(0)1757 282101
www.renchem.co.uk

Emrel 4

WAX EMULSIONS

MOULD RELEASE & LUBRICANT – DIECASTING

Emrel 4	-	6.70%
Silicone emulsion modified polysiloxane (50%) (Dow Corning 290)	-	15.30%
⁽¹⁾ Ethoxylated Alcohol	-	0.23%
⁽²⁾ Corrosion Inhibitor	-	2.00%
Water	-	75.77%
⁽¹⁾ C ₁₂₋₁₅ + 6 or 8 EO		
⁽²⁾ Sodium Benzoate, Triethanolamine salts		

The above can be diluted 1 : 40 in water for use. The dilution should be sprayed on to die surface for 10-15 seconds.

FORGING LUBRICANTS (HOT & WARM FORGING)

Emrel 4	-	31.1%
Ethoxylated Alcohol	-	0.8%
Terephthalic Acid	-	3.0%
Dextrin	-	2.8%
NaOH	-	1.4%
Hydroxy Ethyl Cellulose	-	0.4%
Preservative	-	0.1%
Water	-	60.4%

pH should be in range 8 – 11

Used without dilution.