Liquid defoaming agent for conditioned soil treatment

DESCRIPTION
Defoamer XP is a high efficiency water dispersion with defoaming effect. It was specifically formulated for treating soil conditioned with foaming agents belonging to the Stabilfoam and Polyfoamer ranges.

PRODUCT APPLICATION
Defoamer XP is a liquid defoaming agent specifically formulated for the treatment of any foam conditioned soil types, after tunnelling using a TBM. The product, due to its low viscosity, is easily dispersible and mixable within the spoil resulting from the excavation process. Defoamer XP’s action begins as soon as the product comes into contact with the conditioned soil, by acting on the bubbles residual superficial stress deriving from the treatment with foaming agents.

The product versatility enables it to be used in several applications as a chemical agent for drilling fluid treatment, wherein it is necessary to post-treat the spoil material (foam removal).

DOSAGE
The suggested dosage of Defoamer XP varies dependant upon amount of foam present in the spoil and on the foam consistency, being generally between 0.3 and 1.5 kg/m³. When the foam is either particularly wet or persistent, the dosage may reach up to 5-10 l of product diluted in water (5-10 l /95-90 l of water). Our technical lab. is at the users complete disposal for evaluating the right Defoamer XP dosage according to the conditioned soil characteristics. Please contact our Underground Technology Team technical service for optimising the usage and dosage of the defoaming agent relevant to application conditions.

PACKAGING
Defoamer XP is available in 25 kg and 200 kg drum.

STORAGE
Defoamer XP can be stored for 6 months in sealed containers and protect from frost.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION
Defoamer XP is not hazardous according to the current european standards on the classification of preparations.
It is recommended to wear protective gloves and goggles and to take the usual precautions for handling chemical products.
For further and complete information about the safe use of our product please refer to our latest version of the Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.
WARNING
Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application: for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

All relevant references for the product are available upon request and from www.mapei.com