ARDROX® 9300

DEFOAMER FOR PENETRANT SYSTEMS

1 Description

Ardrox® 9300 is a high performance defoamer designed for the specific needs of penetrant testing systems. It is typically used to control excess foaming of the penetrant rinse water.

The composition of Ardrox® 9300 doesn't affect the performance of the penetrant process.

Ardrox® 9300 is available as bulk material in pail of 25 Kg, or 5 Kg on special order.

2 Physical and chemical properties

Property	Typical Value	Unit	Test Method
Appearance	Translucent off–white	-	-
Density	1.07 at 20 °C (68 °F)	g/ml	-

These are typical values only and do not constitute a specification.

3 Method of use

Thoroughly shake the Ardrox® 9300 container before use to homogenize the defoamer then add Ardrox® 9300 to the rinse water. Agitation may be necessary to speed up the dispersion of the defoamer in the tank.

Ardrox® 9300 can be used as a corrective action against an excess foam generation. A first addition at a concentration of 30 mL per 1000L of rinse water should be added followed by a second addition of the same amount in case the foam hasn't been completely eliminated after the first attempt.

When Ardrox® 9300 is used to prevent the creation of foam, trials should be performed on the contaminated rinse water by steadily increasing the concentration to between 10 mL and 100mL per 1000L in order to define the optimum value. Then, Ardrox® 9300 should be added on a regular basis (ideally with the use of an automatic dosing pump) in order to maintain the correct concentration.

4 Storage

Store Ardrox® 9300 in tightly closed containers, cool, dry and away from sources of heat and avoid direct exposure to sunlight. Shelf–life is 36 months.

5 General Information

Chemetall supplies a wide range of chemical products and associated equipment for cleaning, descaling, paint and carbon removal, metal working and protection and non-destructive testing. Sales Executives are available to advice on specific problems and applications.

6 Labor and environmental protection

Before operating the process described it is important that this complete document, together with any relevant Safety Data sheets, be read and understood.

All local and national regulations on the transport, storage, use and waste treatment of chemicals in concentrated or diluted form and as working solutions must be obeyed.

The above details have been compiled to the best of our knowledge on the basis of tests and research work and with regard to the current state of our practical experience. This technical product information is non-binding. No liabilities or guarantees deriving from or in connection with this leaflet can be imputed to us. Statements relating to possible uses of the product do not constitute a guarantee that such uses are appropriate in a particular user's case or that such uses do not infringe the patents or proprietary rights of any third party. The reproduction of any or all of the information contained in this leaflet is expressly forbidden without Chemetall's prior written consent.

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