

Getting the correct dilution rate: a worked example

It is important to get the correct dilution rate for your disinfectant otherwise it may not work.

In this example we will demonstrate how to correctly dilute FAM-30

Disinfectants Approved for use in England, Scotland and Wales

ABCDEFGHIJKLMN O PQRSTU VWXYZ:

Download full list to [Excel](#) / [Word](#)

Show List For:

Foot and Mouth Swine Vesicular Disease Diseases of Poultry Tuberculosis General

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Note: The table below displays approved disinfectants products and their approved dilution rates for statutory use.

Product Name	Company Name	Address	(iv) Tuberculosis Orders
FAM	Evans Vanodine International Plc	Brierley Road Walton Summit Preston PR5 8AH	Not approved
FAM 30	Evans Vanodine International Plc	Brierley Road Walton Summit Preston PR5 8AH	20
Farmklear	Holchem Laboratories Ltd	Pilsworth Road, Pilsworth Industrial Estate Bury BL9 8RD	Not approved
Farmsan	Holchem Laboratories Ltd	Gateway House Pilsworth Road, Pilsworth Industrial Estate Bury BL9 8RD	20
ForBio	Sky Chemicals (UK) Ltd	Unit 12 Sheffield Design Studio 40 Ball Street Sheffield S3 8DB	Not approved
Fumagri Effisafe	LCB Food Safety	P.A.E. ACTIPARC Rue des acacias 01190 BOZ FRANCE	Not approved

ABCDEFGHIJKLMN O PQRSTU VWXYZ:

Key	
-	Number of Millilitres To One Gram Disinfectant
†	To be used undiluted
	All other disinfectants are measured as Number of Parts Water To One Part Disinfectants.

http://disinfectants.defra.gov.uk/DisinfectantsExternal/Default.aspx?Module=ApprovalsList_Sl

1. Double check your disinfectant is approved for use against TB

The approved disinfectants list is constantly being updated so just because you were able to use a certain disinfectant in the past, doesn't mean you will necessarily be able to use it now.

2. How to correctly dilute

If your disinfectant is approved for use against TB, check it's dilution rate in the table. For FAM-30 this is 1:20. This means the number of parts of water (20) to one part disinfectant.

Therefore if you used 1ml of disinfectant, you would require 20mls of water to correctly dilute it.

This can easily be scaled up - if you used 150ml of disinfectant, you would require (20 x 150) = 3000ml (ie 3L) of water to correctly dilute it.

Always check the label of your chosen disinfectant for further, more detailed instructions about its use

