



2011-01-E

ProSil SunSil 100 ANTIFOAM FOR CARBON-DIOXIDE

SunSil 100 Antifoam for carbondioxide is a compound based on poly dimethyl siloxane oil and fumed silica.

Main advantage is the easy dispersing in many foaming mediums.

Properties:

VERY easy to use.

SunSil 100 is self dispersing. Pre dilution normally used with antifoam products is not essential

The very low viscosity makes it possible to use automatic injection devices.

LOW DOSE efficiency.

SunSil 100 is effective at low doses, of around 1 to 100 mg. per Kg of substrate to be defoamed. = 1 to 100 ppm.

CHEMICALLY inert.

Inert in relation to substrate being defoamed.

So normally it will not change the properties of substrate.

Application areas:

- * Carbondioxide production
- * Agrochemicals , emulsifiable concentrates , aqueous dispersions
- * Fermentation processes antibiotics, vitamins, enzymes etc.
- * Chemicals, polymerisation like Latex
- * Oil industry: additive for soluble oils
- * Paints, inks and varnishes, manufacture and packing(foaming)

USE:

SunSil 100 Antifoam for Carbondioxide is ready to use as delivered, since it is easy to disperse in foaming substances. However, should more accurate dosage be required, it may then be useful to pre-dilute it in a part of the foaming substance or in a solvent.

Typical properties

Appearance..... uniform, milky liquid

Color..... White/grey

Odour..... Weak

Non evaporating (dry matter).content..... 100 %

Specific gravity..... 1,0

Useful concentrations..... mg per Kg 1 to 100 (= ppm)

Packing / Storage / Shelf life

Plastic pails each 25 Kg and drums of 200 Kg net.

Product can be stored for up to 12 months from date of manufacture,
When stored in original unopened containers between $\pm 20^{\circ}$ and $+ 50^{\circ}\text{C}$.
After expire date, a test can easy be made to check product still usable.

(if no separation product is it usually fine)

Experience shows that the product, stored in unopened original container can give
useful service much longer than stated above and especially as long as it looks
homogeneous without lumps and is without any unpleasant smell
(from contaminations) etc.

Above information is given in good faith and based on our current knowledge.