

# BIO-SIL

## Antifoams & Emulsions

### BIO-SIL WWA/5-RTU

WASTE WATER ANTI-FOAM & DEFOAMER

## TECHNICAL DATA SHEET

Rev.2 Date: 24/11/2016

### PRODUCT DESCRIPTION

BIO-SIL WWA/5-RTU is an active emulsion of silica filled Polydimethylsiloxane which is specifically formulated for the control of foam in waste water systems and holding ponds. Available with or without the incorporation of fragrances, which will serve to help mask the foul odor often associated with these water sources.

BIO-SIL WWA/5-RTU is low viscosity ready to use anti-foam that can be dosed directly into the water source for effective foam control.

### PHYSICAL PROPERTIES

Appearance	Off white to beige
Viscosity at 25C (mPas)	>200<500
Specific gravity	1.00
Shelf life	The warranty period without testing is 9 months from date of manufacture, if stored in the original unopened container at 4°C to 27°C. Mild agitation should be carried out if stored as the nature of any emulsion is to separate without agitation over extended periods of storage.

\*Typical product data values should not be used as specifications

### COMMON AREAS OF USE

- Waste water treatment
- Waste water storage ponds

**LEGAL DISCLAIMER:** Each user bears the full responsibility for making its own determination as to the suitability of Supplier material, products, services, recommendations or advice for its own particular purposes. Each user must identify and perform test and analysis sufficient to assure its finished parts will be safe and suitable for use under end-use conditions. Because actual use of products by the user is beyond the control of Supplier, such use is within the exclusive responsibility of the user, and supplier cannot be held responsible for any loss incurred through incorrect or faulty use of the products. Further, no statement contained herein concerning a possible or suggested use of any material product, service or design is intended or should be construed to grant any license under any patent or other intellectual property right of Supplier or any of its subsidiaries or affiliated companies, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.

### DIRECTIONS FOR USE

For maximum performance, BIO-SIL WWA/5-RTU can be administered directly into the foaming system with a metered pump. BIO-SIL WWA/5-RTU is efficiently dispersed with minimum agitation.

#### For End Use:

BIO-SIL WWA/5-RTU does not require pre-dilution and the emulsions can be added directly from the original shipped container to the foaming system. Concentrations in the range of 0.1 to 0.2% have been determined as a good starting point.

### PLEASE NOTE

- Material Safety Data Sheets are available upon request
- Testing before formulating should still be carried out as systems vary.
- Packaging is available in the following sizes: 25kg containers, 200kg drums and 1000kg containers