

## BioVenton BW 20 HIGHLY EFFICIENT BIOCIDES

BioVenton BW 20 - an industrial microbiocide for aqueous systems such as oil-in-water emulsions, latexes, paints, adhesives, paper coating compositions, construction materials, aqueous pigments and mineral suspensions, inks, drilling reagents in oilfield services. It does not contain formaldehyde.

### Technical Specifications:

Chemical base	.....	glycol solution of 1,2-Benzisothiazolin-3-one;
Color, Appearance	.....	colorless to amber clear liquid;
pH	.....	9-13
Density, g/cm <sup>3</sup>	.....	1.10-1.20
Active ingredient content, (%)	.....	up to 20

### Advantages:

- It has a high biocidal effect against bacteria, algae and fungi;
- Resistant to oxidants and thermal effects (up to 150°C);
- It operates in a wide pH range;
- Prevents biological corrosion of metal surfaces;
- It is effective against aerobic and anaerobic bacterial groups;
- Storage stability is high.

### Scope of application:

- In aqueous interior paints;
- In aqueous exterior paints;
- In aqueous systems based on polyvinyl acetate, polyacrylic and styrene/acrylic homopolymer or copolymer;
- In plasters, in primers; in sealants;
- In emulsions of cutting fluids;
- In paper production;
- In the production of construction materials;
- In oil mining.

### Dosage:

BioVenton BW 20 can be added at a rate of 0.05-0.25% of the total weight of the paint. In metallurgy, a maximum of 1.5% dry polysaccharides (and thickeners) are added in lubrication-cooling emulsion systems, and in oil production, a maximum of 4.5% by weight in drilling fluid systems.

### Application:

BioVenton BW 20 can be added at any stage of the production process.

### Compatibility with other additives:

BioVenton BW 20 is compatible with most of the different additives used in watercolors.

### Warning:

The composition of the paint and the dosage of the additive must be determined by laboratory tests.

### Packaging:

BioVenton BW 20 can be delivered in a container. Additionally, it is possible to supply in the following ways:

In 30 kg drum;

In 200 kg plastic barrel;

In 1000 kg IBC tank.

### Storage and expiration date:

It should be stored at temperatures between 0°C and +30°C. The expiration date is 12 months from the date of production in the original closed packaging under the specified storage conditions.

### Security precautions:

When applying the biocide BioVenton BW 20, it is necessary to use protective clothing, gloves, glasses and masks and comply with industrial safety rules. Direct contact with eyes and skin should be avoided during storage and use. In case of swallowing, seek medical help immediately. It should be kept away from food.