

## Data Sheet BITUMIS-PP-16

### BIOCIDAL FOR CLASS B DRILLING

- Especially suitable for alkaline systems, although it also acts in slightly acidic and neutral media.
- Highly effective in controlling aerobic and anaerobic bacteria.
- Ideal for controlling high-hazard sulfate-reducing and pathogenic bacteria: Helps control corrosion.
- Effective as an algacide.
- Applicable to a wide variety of processes such as oil, cooling water, paints, pulp and paper, etc.
- Biodegradable.

### Main uses

**BITUMIS-PP-16** it has been specially formulated to be used in various processes, whose solutions are fermentable, as a means of controlling aerobic bacteria, anaerobics and algae with preference to the following: *Desulfovidrio desulfuricans*, *Bacillus cereus*, *Pseudomonas aeruginosa*, *Escherichia coli*, *Staphylococcus aureus*, *Streptococcus lique faciens*. **BITUMIS-PP-16** FDA-compliant Title 21 CFR 173,320.

### General description

**BITUMIS-PP-16** is a liquid glutaraldehyde solution with the following characteristics:

<b>Color:</b>	<b>Colourless to yellow</b>
<b>Odor:</b>	<b>Characteristic</b>
<b>Specific gravity:</b>	<b>1,020 – 1,080 at 25° C</b>
<b>pH:</b>	<b>3,0 – 4,0 at 25° C</b>
<b>Refractive index:</b>	<b>1,360 - 1,380 at 25 °C</b>
<b>Active content %:</b>	<b>21-23 as glutaraldehyde</b>
<b>Solubility:</b>	<b>100 % in water</b>

### Dose

The dose of **BITUMIS-PP-16** varies according to the severity of contamination, type of microorganism, system pH and type of process. Doses between 10 and 100 ppm are normally recommended, although higher doses can be used in special applications and treatments. The Technical Representative of **Bitumis®** will advise you on the establishment of the dose most appropriate to your particular situation.

### How to use and feed

**BITUMIS-PP-16** can be fed continuously or intermittently, with dosing pump or any other suitable medium, in a place of good agitation and distribution so that it mixes quickly.

### Dispatch and storage

**BITUMIS-PP-16** is dispatched on 208-litre drums. net and bulk. It should be stored in a cool place; if the drum has not been opened, the maximum storage time is twelve months.

### Handling and safety

**BITUMIS-PP-16** corrosive and can cause damage to the skin and eyes. Handle it as a highly dangerous product. Do not ingest. Do not contaminate work clothes. Use appropriate safety implements during handling and handling. Don't inject to lines under pressure, this rule applies, in general, to any dangerous product. In case of contact with skin, eyes and clothing, wash with plenty of water for 15 minutes. See a doctor in case of eye contact. Wash clothes well before reuse.

*"The application or methods of handling, storing, using and disposition of the product and/or its packaging are beyond our control, therefore, the company does not assume and is unaware of any liability for loss, damage or other situation that is related to the handling, use or disposal of the product and its packaging. The company assumes no liability for damage to the buyer or third parties caused by abnormal use of the material and/or its packaging, even in accordance with reasonable safety procedures. The data provided was obtained from reliable sources, however, no warranty is expressed or implied with respect to the accuracy of this data or the results obtained from the use of the material." ESCOL Chemicals, NIT: 900 704 325 - 5*