

Technical Bulletin

Hookbrite

Phosphoric Acid Based Cleaner/Brightener

Product Description:

HOOKBRITE is a potent phosphoric acid based cleaning de-rusting material and light phosphating agent for use where heavy rust or oxide removal is necessary from ferrous and non-ferrous metals. HOOKBRITE contains an effective cleaning system and incorporates a powerful inbuilt inhibitor system to prevent attack on sound metal during use. HOOKBRITE is an excellent tank material with a multiplicity of most practical applications.

Application:

HOOKBRITE is reduced with tap water to give the required strength for the particular application. For normal oxide and rust removal HOOKBRITE is diluted with 5 - 8 parts of water. In the case of heavy oxide, rust or scale, the strength may be increased to 1 part of HOOKBRITE to 3 - 4 parts of water. Solutions may be heated if necessary to speed oxide or rust removal in tank operations where maximum speed is required. Heavy oil or grease films should be removed first before HOOKBRITE is used.

Where HOOKBRITE is to be used for hand operations, the dilution should exceed 1 part to 10 parts water. The hands of operators should be protected. When used in tank operations at room temperature a thick soundly welded steel tank may be used.

The tank will be expendable according to the strength of the HOOKBRITE solution. Stainless steel or acid resistant construction is necessary when solutions are to be heated.

Fitness For Purpose:

An FFP - Fit For Purpose Statement is available for this product when used in an export meat facility.

Food Safety Statement:

With regard to the use of this product as a cleaner and / or sanitiser that may have incidental contact with food:

- 1) The raw materials / ingredients of this product are permitted as 'processing aids' as listed under clause 12 of the Food Standard Code 1.3.3 (Food Standards Australia New Zealand FSANZ) or
- 2) Are Generally Regarded As Safe (GRAS) according to the US Food and Drug Administration (FDA) or are recognised in the US Code of Federal Regulations (CFR) Title 21 part 178 as indirect food additives.

When used in accordance with the directions described in this product technical bulletin, this product complies with these recognised food safety parameters.

SHELF LIFE: As a quality assured manufacturer, Castle Chemicals has a stringent Quality assurance programme. As part of this regime, the label on this product shows a batch number and date of manufacture. This product has a shelf life of 24 months from the label printed date of manufacture. This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Castle Chemicals assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of material.