

# Technical Bulletin

# Grapple

## Heavy Duty Liquid Alkaline Hook and Roller Cleaner - Degreaser

### Product Description:

GRAPPLE is a technologically advanced liquid formula for the cleaning-degreasing of meat rollers, slides and gambrels in abattoir & meat establishments. GRAPPLE is a dual hydroxide system combined with a highly specialised super wetting agent, sequestrants, water softeners, and low foam surfactants. Animal fat, grease, and rust are removed by the simple hot tank process.

### Application:

Procedure for Hooks, Rollers and Gambrels

- |        |   |
|--------|---|
| STEP 1 | Use GRAPPLE at 1.0 to 5.0Ltr per 100L (1-5%) water at 65oC to 70°C. Contact time should be 5 to 30 minutes depending upon the degree of contamination |
| STEP 2 | Hot overflow rinse.   |
| STEP 3 | Optional use of HOOKBRITE where a brighter finish is required   |
| STEP 3 | Immerse in HOOKDIP dewatering inhibitor or EMULSO HOOK OIL  |

GRAPPLE contains caustic soda and contact with the skin should be avoided. Wear protective clothing. Never add GRAPPLE to hot water. For operator safety always add to cold water then apply heat.

Packed in 25Ltr, 200Ltr, 1000Ltr.

### Food Safety Statement/Fitness For Purpose:

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

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.

Page 1 of 1