

## Technical Datasheet

# Hausser Öko Clean Spezial Low-foaming

### Areas of application:

- Highly concentrated intensive cleaner for the removal of vegetable and mineral oils and fats and fats, proteins, separating agents, dirt and waxes, fresh paint residues and pigment colors

### Properties:

- liquid
- alkaline
- excellent grease and dirt dissolving capacity
- removes stubborn dirt
- biodegradable according to EC directive
- non-flammable, phosphate-free
- **low-foaming**

### Method of application:

- Mainly by machine in spray washing systems  
**Particularly recommended for cleaning / degreasing wheelset roller bearings of Deutsche Bahn AG, as tested by "Deutsche Bahn AG" for this application and approved with file number 04-P-1892-T.TzF91-UN1890 dated 18.11.2004.**
- using the wash-off, wiping, immersion or high-pressure DS method
- depending on the type and degree of soiling, concentrated up to 1:40 diluted with water.
- for DS processes from approx. 10 % pre-dilution
- depending on further treatment, rinsing with water is recommended

### Bath control:

Concentration determination via titration of the bath solution.

Sample: 100 ml

Indicator: Bromothymol blue

Measuring solution: 0.1 N hydrochloric acid

Factor: 0.30

Calculation: used measuring solution x factor = % Hausser Öko Clean Spezial low-foaming

**Technical data:**

Composition: clear and red liquid

Density (20 °C):  $1.03 \pm 0.01 \text{ g/cm}^3$

pH value (conc.):  $12.5 \pm 0.5$

pH value (1 %):  $9.3 \pm 0.5$

Shelf life: 6 months at +5 °C to +30 °C, dry and sealed.

**Supplementary documents:**

EU safety data sheet

**Disposal:**

Waste code number: 070601

Contaminated solutions must be sent for suitable waste water treatment.

