

# Technical Bulletin

# Protectem

## Heavy Duty Crème Hand Cleanser

### Product Description:

A springy pumpable crème, with a mild pleasant, non residual citrus perfume, provides fast efficient and safe cleansing of extremely soiled hands with or without the use of water.

### Application:

1. Removes ingrained grime, grease, oil, tar, dyes, carbon, duplicating, stenciling and printing ink, paint, rubber compounds, lipstick, gum, shoe polish, asphalt, fruit stain, wood sap stain, blood and normal adhesives.
2. Does not contain kerosene, harsh ammonia, amines, alkalis or abrasives, which cause damage and irritation to skin and which invite dermatoses.
3. Degreases and removes soils without de-fatting or drying the skin. Leaves the skin soft, supple and extra smooth, due to the pH being neutral and the presence of a high percentage of lanolated emollients in the formula.
4. Will not irritate, chap or roughen the skin, even when cuts are present. Will not burn, smart or irritate open cuts, bruises or sores.
5. Rinses freely. Does not leave the hands feeling sticky or tacky after drying. If water is not available, may be wiped off with a cloth or paper towel - still leaves hands soft and tack free.
6. Persistent antibacterial action reduces skin infections and occupational dermatoses, which account for much absenteeism in industry.
7. Biodegradable formula. Do not contain any so called "hard" detergents. Will not pollute streams, rivers or other waterways, when flushed away by rinsing.
8. Has no residual effect on metals. Studies showed that any residue of PROTECTEM left on the skin of users, did not produce a corrosive effect on metals, which were handled by the subjects, using the product three times daily for six weeks.

### WHERE PROTECTEM IS USED

PROTECTEM has practical applications wherever dirty hands are encountered, and especially:

- a. For the removal of particularly tenacious soils, except household adhesive cement.
- b. For use by mechanics, machinists, maintenance men and other people who contact considerable soilage in their work and require frequent cleansing of hands.

Use PROTECTEM for cleaning and de-griming soiled and greasy hands in:

Factories, garages, service stations, general maintenance shops, printing shops, engineering shops, metal finishing shops, boiler rooms, home work shops, meat packaging plants, abattoirs, carriers, car assembly plants, foundries rendering plants, wool shearing and sorting areas, aircraft maintenance shops, sewage treatment plants, fruit packing plants, ships, bars, cellars, kitchens, breweries, distilleries, soft drink plants, schools athletic changing rooms, laboratories, stables, milk and butter processing plants and dairies, zoos and poultry farms.

**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**