

# BUFFERCLEAN 5.5 CONCENTRATE

## 1. DESCRIPTION

Cleaning agent for the removal of traces of lead, hydrocarbons, chlorides and sulfides from zinc-silicate coated tank surfaces.

- Suitable for removal of traces of lead from zinc-silicate coated tank surfaces after transport of leaded gasoline.
- Suitable for the removal of traces of chloride and sulfide.
- Safe pH of 5.5 for application on zinc-silicate coated tank surfaces.
- Gives a good cleaning result with a reduced cleaning time.
- Concentrated version available for tank washing systems.

## 2. APPLICATIONS

The ordinary cleaning method with a synthetic soap takes a lot of time and is insufficient. A weak acid solution in combination with synthetic soap gives a much better cleaning result. **BUFFERCLEAN 5.5** is used as a final cleaning procedure, when leaded gasoline must be removed or when the tank has to be completely chloride or sulfide free, i.e. for shipping pure chemicals.

## 3. DIRECTIONS FOR USE

After the normal cleaning depending on the nature of the last cargo and subsequent rinsing with water the cleaning with **BUFFERCLEAN 5.5** can start. Never dilute with river or seawater.

### Hand Spraying Method

Spray undiluted **BUFFERCLEAN 5.5** onto the tank surface and let it act for about one hour. Repeat this procedure two times. Finally rinse the tank with abundant quantities of fresh water for about one hour.

### Tank Washing Systems

#### Recirculation Method

Add 10% **BUFFERCLEAN 5.5 CONCENTRATE** to water in a mixing. The resulting solution must be 1% of the total capacity of the tank to be cleaned. The solution is heated by means of heating coils in the tanks. The tanks are washed with a cargo pump, after which the used solution is recycled to the mixing tank. Usually, one solution is used to wash 2-3 tanks.

**BUFFERCLEAN 5.5 CONCENTRATE** is circulated 2-6 hours at a temperature of 20-70°C. Of essential importance for passing the chloride test is a final rinse with chloride free, if possible, hot water.

## 4. OTHER INFORMATION

Weak acid, colorless liquid with a characteristic odor. Completely miscible with water.

Suitable for use on all common metals, specially developed for cleaning zinc-silicated coatings.

### TO REMOVE TRACES OF LEAD, HYDROCARBONS, CHLORIDES, AND SULFIDES FROM CARGO TANKS

#### Product Highlights

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- Suitable for the removal of traces of chloride and sulfide.
- Safe pH of 5.5 for application on zinc-silicate coated tank surfaces.
- Gives a good cleaning result with a reduced cleaning time.
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#### Product Characteristics

Appearance:	Colorless liquid
Corrosive action:	None
Specific gravity:	1.1
Flash Point:	None
pH:	5.5

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