

# LIQUIKLEEN HA

*Alkaline Immersion Renovator*

5851

## DESCRIPTION

**LIQUIKLEEN HA** is designed for removing particularly tenacious contaminations such as carbon and heat modified carbon deposits, rust, grease, oil surface coatings including acrylics, photo-resist and food residues.

When removing photo-resist from zinc plates, a brief soak in **LIQUIKLEEN HA** solution eliminates the need for laborious hand scarping.

## APPLICATIONS

**LIQUIKLEEN HA** easily removes carbon deposits from glass moulds and as a paint stripper it copes effectively with a wide variety of surface coatings - many of which previously only responded to high-cost and hazardous cleaners.

**LIQUIKLEEN HA** does not produce dimensional changes in steel objects being processed. Nor it cause hydrogen embrittlement.

**LIQUIKLEEN HA** can be used for engine blocks, brake pads and various components.

## PRODUCT BENEFITS

- Removing photo-resist from zinc plates
- Cleaning glass moulds
- Stripping paint
- Engine block cleaning.
- Removing rust, grease etc

## PHYSICAL PROPERTIES

Appearance.....	Liquid
Colour.....	White
Odour.....	Mild Amine
Specific Gravity @ 20°C .....	1.085 - 1.095
pH.....	14.0

## DIRECTION FOR USE

### **Removal Of Rust, Grease And Similar Soils From Meat Hooks, Food Equipment, Etc -**

Use at 100 - 200 ml/liter at 85 - 95°C for between 5 minutes and 2 hours, depending on the degree of contamination. No need to use acid in most instances.

### **Removal Of Photo-Resist From Zinc Plates**

Use at 100gm/litre at over 90C for about 2 - 3 minutes. Paint removal - Use at 100 - 200 ml/L at a temperature of around 95°C. Time of immersion depend on age and type of paint.

### **Glass Bottle Mould Cleaning**

Use at 100-200 ml/L, either agitated or with electric current. If using electric current it can be either cathodic or anodic following cathodic cleaning. Temperature should be in excess of 80°C -preferably around 95°C. This process should be following by a pressure rinse, preferably air-assisted, to remove the last traces of the deposits.

### **Engine Block Cleaning**

Use at 50 ml/liter at the near boil around 95C for about 30 minutes.

**NOTE:** It is recommended that heated tanks used in conjunction with **LIQUIKLEEN HA** should be fitted with stainless steel heating elements. For concentrations in excess of 200 ml/L, tanks should also be fabricated from stainless steel. Also, concentrations of **LIQUIKLEEN HA** in excess of 200 ml/L at the boil may give rise to “alkaline mist” in the atmosphere. Such baths should be fitted with adequate fume extraction or ventilating equipment. **LIQUIKLEEN HA** should not be used on reactive metals

### **STORAGE & SAFETY**

**LIQUIKLEEN HA** is strongly alkaline, so protective clothing and goggles should be worn when using it. In case of accidental splashes, rinse with copious quantities of water. If splashed into the eyes rinse with plenty of water and seek medical attention. If accidentally swallowed, do not induce vomiting. Give large volume of fruit juice, followed by milk, white of egg, or suitable vegetable oil.

**LIQUIKLEEN HA** should only be added in very small amounts to hot water - and then with extreme caution as dangerous splattering may occur.

*For further information, please consult the Materials Safety Data Sheet.*

### **PACKAGING**

Ref: A-5851-U2 ..... Drum 205 L  
Ref: A-5851-O2 ..... Pail 25 L

### **WARRANTY**

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