

# PARACLEAN 3831

## DESCRIPTION

PARACLEAN 3831 is a versatile alkaline liquid cleaner for spray and soak applications. It will remove cutting oils, water based coolants, rust preventatives, and general shop soils in spray washers and soak tanks. This product is designed for use at elevated temperatures on *all* metal-lurgies with no foam problems. It has no silicates and will not interfere with brazing of copper and brass. Removed soils are demulsified for easy removal by skimming to provide extended bath life.

## FEATURES

- For heated use
- Excellent removal of in-process soils and debris
- Low or no foam
- Nitrite, silicate, and chromate free

## PHYSICAL PROPERTIES

Form:	<i>Liquid</i>	Fire point:	<i>Noncombustible</i>
Appearance:	<i>Clear</i>	Viscosity:	<i>Same as water</i>
Specific gravity:	<i>1.068</i>	Residue:	<i>Non visible fluid</i>
Odor:	<i>None</i>	pH @ 5% solution:	<i>12.7</i>
Flash point:	<i>None</i>	pH @ concentrate:	<i>13.3</i>
Pour point:	<i>30° F</i>	Solubility in water:	<i>100%</i>

## CLEANING OPERATIONS

Spray washers, spray & steam gun operation: 1 to 4% concentration 120° to 180° F  
Soak tank operation: 2 to 10% concentration 120° to 180° F

## COMPATIBLE MATERIALS

Copper  
Stainless steels  
Aluminum (*Some aggression above 5%*)  
All cast irons  
Plain carbon steels  
Alloy steels  
Brass  
Cast steels

## STORAGE AND HANDLING

Use at room temperature. If frozen, allow to thaw completely prior to use. Do not expose to extreme high temperature due to possible drum rupture. Do not pressurize drum or reuse empty container.