

# PRODUCT DATA

## CERFA-KLEEN<sup>®</sup> 5380

**Cerfa-Kleen 5380** is an ambient temperature, non-nitrited, spray cleaner with short-term in-plant rust inhibition. The non-foaming formulation has no chelates, but is stabilized for use in moderately hard water. **Cerfa-Kleen 5380** presents no barrier to subsequent coating or welding. **Cerfa-Kleen 5380** has proven to be an excellent alternative to the use of solvent emulsion cleaners. It works very well in barrel cleaning, and may be used in all stages of multi-stage washers.

### TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Appearance	Clear, pale yellow liquid
pH (2% Solution)	9.0 ± 0.2
Effect on Metals	Safe on all metals
Free Caustic	None
Phosphates	None
Solubility	Freely soluble in water
Operating Temperature	Ambient to 135°F
Use Concentration	2-3% by volume



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### **CONTROL**

A working bath is controlled by titration:

1. Take 25 ml. sample of bath
2. Fill buret with 0.1 N HCl
3. Add 4 to 6 drops of bromophenol blue indicator to sample
4. Titrate to yellow end point and record ml. of titrant

**Equivalent:** 4.3 mls. titrant = 1% concentration

### **APPLICATIONS**

**Cerfa-Kleen 5380** may be used to remove light soils, including soluble coolants, metal forming compounds, and shop soils.

### **SHELF LIFE**

Approximately one (1) year

### **SHIPPING INFORMATION**

**Cerfa-Kleen 5380** is shipped in 55 (U.S.) gallon (208 liter) drums.

### **SHIPPING CLASSIFICATION**

Cleaning Compound - Liquid

### **STORAGE/HANDLING/DISPOSABILITY**

No health or safety hazards exist when **Cerfa-Kleen 5380** is stored, used and disposed of in accordance with instructions given on the Material Safety Data Sheet for this product.

**WARRANTY**

The information given here is considered to be correct and is offered for your consideration, investigation and verification. No warranties are expressed or implied, since the use of our products is beyond our control. Statements concerning the use of Houghton products are not to be construed as recommending the infringement of any patent.

**EXPORT STATEMENT**

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