

CERFA-KLEEN® 5391

New Technology Bio-resistant Cleaner

DESCRIPTION

CERFA-KLEEN 5391 is a non-nitrited, spray cleaner designed to offer short-term rust protection and to split oils from solution. **CERFA-KLEEN 5391** has been formulated with ingredients that provide s for excellent waste treatability.

CERFA-KLEEN 5391 presents no barrier to subsequent coating or welding. **CERFA-KLEEN 5391** has proven to be an excellent alternative inorganic synthetics.

It works very well in barrel and vibratory cleaning, and may be used in all stages of multi-stage washers.

CERFA-KLEEN 5391 is particularly effective in removing quench oils. It also may be used to remove shop soils, such as soluble coolants, cutting oils and metal forming compounds.

FEATURES

- Economical: Low neat and in-use cost
- Waste Treatable: Reduced BOD's, COD's, and FOG's
- Bio-Resistant: Reduces or eliminates biocide additions
- Splits oil from solution
- Excellent Corrosion Protection: In-process rust protection on washed parts
- Clean-ability: Lower sediment/dirt counts in milligrams than typical organic cleaners
- Replaces solvent emulsions, organic synthetics and silicate cleaners.

TYPICAL VALUES

Product Appearance	Yellow Fluid
pH @2 %v/v	10.7
Specific Gravity @15 °C	1.09 kg/L
Effects on Metals	Safe on all metal
Phosphates	None
Solubility in Water	Freely soluble
Operating Temperature	Ambient to 90 °C

HEALTH AND SAFETY

Refer to MSDS for proper handling and disposal. Please note that the MSDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.

01 July 2011 Version 1.0, Code: CFK 5391



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REFERENCES

CERFA-KLEEN 5391 is being used in most Auto component facilities in the US, Europe and Asia.

Houghton recommends that periodic solution concentration checks of **CERFA-KLEEN 5391** should be carried out by titration:

1. Take 25mL sample from bath.
2. Fill burette with 0.1N HCl
3. Add 4 to 6 drops of bromophenol blue indicator to sample.
4. Titrate to yellow endpoint and record mL of titrant.

Equivalent: 4.5mLs Titrant = 1% concentration

HOW TO USE

The recommended usage concentration of **CERFA-KLEEN 5391** is 2 - 4% by volume but may be customised to suit individual needs or solutions, which may vary from time to time.

Houghton strongly advises that you contact your Sales Representative to discuss before commencement of use.

SHELF LIFE & AVAILABILITY

Under normal conditions the recommended shelf life for **CERFA-KLEEN 5391** is a minimum of Twelve (12) months, unless otherwise specified. The product should be stored inside (5-40°C) for no more than 1 year and be protected from freezing.

CERFA-KLEEN 5391 is available in Pail, Drum or Tote. Other sizes may be available upon request, please contact your Houghton sales representative.

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RELATED PRODUCTS

- CUT-MAX®: Straight cutting oils
- GARIA™: Straight cutting oils
- MACRON™: Straight cutting and honing oils
- EXCELENE™: Straight cutting and honing oils
- DASCOLENE™: Straight OEM approved cutting oils
- HOCUT®: Water miscible metalworking fluids
- DASCOOL™: Water miscible metalworking fluids
- DROMUS™: Soluble metalworking fluids
- ADRANA™: Micro-emulsion metalworking fluids
- SITALA™: Semi-Synthetic metalworking fluids
- METALINA™: Synthetic metalworking fluids
- HOUGHTO-GRIND®: Straight and water miscible grinding fluids
- HOUGHTO-DRAW®: Straight and water miscible drawing stamping and forming fluids.
- CINDOL™: Straight and water miscible drawing and forming fluids especially for Aluminium parts.
- FENELLA™: Straight and water miscible drawing, stamping and forming fluids.
- CERFA-KLEEN®: Water miscible cleaning fluids
- VIBRA-KLEEN®: Water miscible vibrating cleaning fluids
- CALLINA™: Water miscible cleaning fluids
- RUST VETO®: Straight and water miscible rust preventive fluids.
- ENSIS™: Straight and water miscible rust preventive fluids.
- COSMOLINE®: MIL-SPEC Straight and water miscible rust preventive fluids.



HOUGHTON™

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