

CALLINA™ CS 201

Metal Working Water extendable cleaner for metals

DESCRIPTION

CALLINA CS 201 is a well-balanced combination of very special low foam surfactants, corrosion inhibitors and alkaline compounds.

CALLINA CS 201 is an alkaline degreaser with moderate pH value, for degreasing by spraying and by tunnel machining applications.

CALLINA CS 201 is specially developed for cleaning and degreasing of ferrous metals and, in some cases, can be also used on aluminium alloys (only at room temperature and with a short time contact).

FEATURES

- Free of Boron
- Free of secondary amines
- Free of Volatile Organic Compounds (VOC)
- Due to the special wetting agents.
- Good soil separation, which prolongs the bath life.
- Provides short-term inter-operational corrosion protection on ferrous metals.

TYPICAL VALUES

Product Appearance	Clear Fluid
Mineral Oil content	0 %
Specific Gravity @20°C	1.030 kg/L
pH @5 %v/v	9.7
Concentration Brix Factor	3.9

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.

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This document contains information based on data that is believed to be correct. However, the product may not be applicable to all uses and operating environments. No warranty or guarantee is expressed or implied.

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REFERENCES

CALLINA CS 201 is suitable to remove light soil like emulsions, low viscosity neat oils and swarfs.

Preparation of degreaser solution :

When dilution is made manually we recommend the addition of the product to water (not vice versa) to give a higher possibility of even dispersion in the resulting mixture.

The above operation should be carried out slowly and with continuous stirring.

Solution preparation is also possible using suitable mixing devices (Venturi or Volumetric type).

HOW TO USE

Checking the concentration:

The concentration of a **CALLINA CS 201** is easily checked using either a Refractometer or by chemical methods.

Degreasing

Spraying and tunnels : 2.0 – 5.0 % at 20 – 80 °C

The normal use conditions are: 3% at 50-60°C

SHELF LIFE & AVAILABILITY

Under normal conditions the recommended shelf life for **CALLINA CS 201** is a minimum of Twelve (12) months, unless otherwise specified.

CALLINA CS 201 is available in Pail, Drum or Tote. Other sizes may be available upon request , please contact your Houghton sales representative.

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.

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