

FENELLA™ SP 801

Biodegradable Temper Fluid

DESCRIPTION

FENELLA SP 801 is a multi-functional aqueous temper fluid for use on mild steels and silicon alloys.

FENELLA SP 801 is a nitrite free, multifunctional aqueous temper fluid and medium term corrosion protective for use on mild steels and silicon alloys.

FEATURES

- **FENELLA SP 801** prevents build up of detritus on roll surface, provides sufficient lubricity to allow extensions of 5-15% to be made at temper rolling operation.
- It improves surface quality of rolled steel.
- It leaves a dry hardly discernable film – easily removed in alkaline cleaner.

TYPICAL VALUES

Product Appearance	Amber fluid
pH (4.0%)	10.4
Specific Gravity @15°C	1.010 kg/L
Solubility in Water	Totally soluble
Flammability	Non-Flammable

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: D001C1305



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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

FENELLA SP 801 is suitable for normal and medium to high extension (5-15%) operations, and at elevated concentrations (15-30%) can provide medium term (4 months) corrosion protection for storage/transport, negating the need for additional protective oil application.

HOW TO USE

FENELLA SP 801 can be used at 3 - 10% in water dependent on degree of reduction required. The solution is sprayed into the roll/strip bite. The quantity should be just sufficient to maintain a wedge across the roll bite. Over application should be avoided.

It can also be used at 10 – 30% for a combination of higher elongation and corrosion protection – depending on duration of protection required and atmospheric conditions.

SHELF LIFE & AVAILABILITY

Under normal conditions the recommended shelf life for **FENELLA SP 801** 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.

FENELLA SP 801 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.



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