

# Product Data Sheet

## NA-SUL<sup>®</sup> 729-NF



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**NA-SUL 729-NF** is a high performance rust and corrosion inhibitor for ferrous and non-ferrous metals. It is a very effective copper inhibitor.

### CHEMICAL

**COMPOSITION:** Unique preparation of calcium alkylnaphthalenesulfonate/yellow metal deactivator in light mineral oil.

**APPEARANCE:** Clear brown viscous liquid.

### TYPICAL

<b>PROPERTIES:</b>	Calcium Content	1.9%
	Viscosity @ 40°C (ASTM D 445, DIN 51 550)	7000 mm <sup>2</sup> /s (cSt)
	Viscosity @ 100°C (ASTM D 445, DIN 51 550)	150 mm <sup>2</sup> /s (cSt)
	Density @ 15.6°C (ASTM D 4052)	0.99 g/ml
	Weight Per Gallon @ 25°C	8.3 lbs
	Flash Point, COC (ASTM D 92, DIN 51 376)	165°C (329°F)

Note: The above analytical data are not specifications.

	<u>Typical Treat Levels</u>
<b>APPLICATIONS:</b> Instrument Oils	0.3% - 2.0%
Greases	0.5% - 3.0%
Hydraulic Oils	0.1% - 1.5%
Automotive Gear Oils	0.2% - 0.5%

**NA-SUL 729-NF** is a unique preparation of high performance polar additives capable of forming films or complexes on ferrous and non-ferrous metal surfaces, particularly copper and its alloys that might be exposed to solubilized sulfur powder or active sulfur-containing EP additives.

**NA-SUL 729-NF** provides excellent demulsibility to lubricating oils and offers exceptional penetration stability to greases. Other applications include compressor oils and rust preventive fluids. **NA-SUL 729-NF** may also be added to conventional automotive gear oils to improve rust and corrosion prevention properties.

**ADVANTAGES:**

- \* Excellent protection for ferrous and non-ferrous surfaces
- \* Outstanding demulsibility
- \* Synergistic with other additives
- \* Easy to handle liquid
- \* Excellent solubility in a wide range of base stocks

(see reverse side)

## NA-SUL<sup>®</sup> 729-NF

**TEST RESULTS:** Technical reports are available from King Industries and can be requested by contacting the offices shown below.

**SOLUBILITY:** Soluble in petroleum and synthetic lubricant base stocks and most common solvents. Insoluble in water. However, it is recommended to verify the solubility in the base oils used and the compatibility with other additives.

### STANDARD

**PACKAGING:** 440 lbs (200 kg) closed head drum.

### STORAGE

**CONDITIONS:** Store in a cool, dry place away from any direct source of heat and moisture. Maximum recommended storage temperature: 46°C (115°F)

**SHELF LIFE:** Best if used within 3 years from the date of manufacture.

**HANDLING:** Avoid all personal contact. Observe good personal hygiene. For additional information, it is advised to consult the Material Safety Data Sheet (MSDS) for **NA-SUL 729-NF**.

**REGISTRATION:** Please refer to Section 15 of the Material Safety Data Sheet for information.

For Samples or Technical Service, contact King Industries or your King representative.

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Revision date: 26 JUL 2004

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