

# Product Data Sheet

## NA-SUL<sup>®</sup> CA-775FG



Nonfood Compounds  
(Category Code: HX-1)  
(Registration #168728)



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**NA-SUL CA-775FG** is a premium rust inhibitor additive particularly suited for use in petroleum and synthetic oils, greases, and rust preventatives. **NA-SUL CA-775FG** is designed for formulating food grade lubricants that require rust protection, demulsibility, filterability, and water resistance at low treat levels. It is approved for use up to 10% in lubricants with incidental food contact in repeat use applications. **NA-SUL CA-775FG** is not approved for use in lubricants in contact with infant formula and human milk.

### CHEMICAL

**COMPOSITION:** Neutral calcium dinonylnaphthalenesulfonate in polyalphaolefin (PAO) fluid.

**APPEARANCE:** Clear brown viscous liquid.

### TYPICAL

<b>PROPERTIES:</b>	Calcium Content	2.15%
	Viscosity @ 40°C (ASTM D445, DIN 51 550)	3600 mm <sup>2</sup> /s (cSt)
	Viscosity @ 100°C (ASTM D445, DIN 51 550)	85 mm <sup>2</sup> /s (cSt)
	Density @ 15.6°C (ASTM D4052)	0.95 g/ml
	Weight Per Gallon @ 25°C	7.9 lbs
	Flash Point, COC (ASTM D92, DIN 51 376)	200°C (392°F)

Note: The above analytical data are not specifications.

	<u>Typical Treat Levels</u>
<b>APPLICATIONS:</b> Hydraulic Fluids (HF-0, HF-2)	0.05% - 0.5%
Circulating Oils	0.05% - 1.0%
Paper Machine Oils	0.25% - 1.0%
Greases	0.50% - 3.0%
Industrial and Automotive Gear Oils	0.10% - 1.0%

**ADVANTAGES:**

- \* **Compliance with the FDA 21 CFR 178.3570**
- \* **100% synthetic additive**
- \* **Excellent rust inhibitor**
- \* **Outstanding demulsibility**
- \* **Excellent filterability, both dry and wet**
- \* **Excellent thermal and hydrolytic stability**
- \* **Excellent solubility in synthetic and highly paraffinic base stocks**

(see reverse side)

**TEST RESULTS:** Technical reports for this specific product are not currently available. However, data generated with similar products (having the same sulfonate chemistry in different diluents) 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:** 420 lbs (191 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 Safety Data Sheet (SDS) for **NA-SUL CA-775FG**.

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

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

**[WWW.KINGINDUSTRIES.COM](http://WWW.KINGINDUSTRIES.COM)**

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