

# Product Data Sheet

## NA-SUL<sup>®</sup> DTA



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**NA-SUL DTA** is a stable, ashless, oil soluble, water insoluble rust and corrosion inhibitor displaying good demulsibility.

### CHEMICAL

**COMPOSITION:** Proprietary preparation of dinonylnaphthalenesulfonic acid and an amine in light mineral oil.

**APPEARANCE:** Clear brown viscous liquid.

### TYPICAL

<b>PROPERTIES:</b>	Nitrogen Content	0.5%
	Viscosity @ 40°C (ASTM D 445, DIN 51 550)	5200 mm <sup>2</sup> /s (cSt)
	Viscosity @ 100°C (ASTM D 445, DIN 51 550)	85 mm <sup>2</sup> /s (cSt)
	Density @ 15.6°C (ASTM D 4052)	0.95 g/ml
	Weight Per Gallon @ 25°C	7.9 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> Compressor Oils	0.10% - 1.0%
Greases	0.20% - 3.0%
Ashless Fuel Additives	0.05% - 1.0%
Industrial and Automotive Gear Oils	0.10% - 1.0%
Rust Preventive Fluids	5.00% - 15.0%
Fluids	0.30% - 1.5%

**NA-SUL DTA** is a stable ashless rust inhibitor for use in petroleum and synthetic lubricants. It exhibits excellent performance in applications requiring rust and corrosion protection with good demulsibility, solubility, high purity and uniformity. **NA-SUL DTA** is excellent for formulating ashless rust preventive fluids.

**ADVANTAGES:**

- \* **Ashless**
- \* **Excellent rust and corrosion inhibitor**
- \* **Good demulsibility**
- \* **Synergistic with oxidates when used in rust preventive fluids**

(see reverse side)

## NA-SUL<sup>®</sup> DTA

**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:** 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 DTA**.

**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.

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