

Product Data Sheet

NA-SUL[®] CA-1183



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NA-SUL CA-1183 is a liquid corrosion preventive additive designed for use where water contamination of the formulated fluid is likely, such as dewatering fluids. **NA-SUL CA-1183** provides excellent corrosion protection for steel, galvanized steel and aluminum with superior water separation characteristics.

CHEMICAL

COMPOSITION: Calcium alkylnaphthalenesulfonate/mixed diluent oils.

APPEARANCE: Brown viscous liquid.

TYPICAL

PROPERTIES:	Calcium Content	2.6%
	Acid Number (ASTM D974)	48 mg KOH/g
	Viscosity @ 100°C (ASTM D445, DIN 51 550)	110 mm ² /s (cSt)
	Density @ 25°C (ASTM D4052)	0.99 g/ml
	Weight Per Gallon @ 25°C	8.3 lbs
	Flash Point, COC (ASTM D92, DIN 51 376)	>150°C (302°F)

Note: The above analytical data are not specifications.

APPLICATIONS: Rust Preventive Fluids
Dewatering Fluids

Typical Treat Levels

3% - 20%
3% - 15%

NA-SUL CA-1183 is a very effective multi-metal corrosion inhibitor with outstanding water displacement properties. It is particularly effective on galvanized steel. It has excellent solubility in a wide variety of diluent fluids; including naphthenic oils, Groups I, II, and III paraffinic oils, vegetable oils, esters and polyalphaolefins. It is designed for use with solvents such as white spirits (mineral spirits) or kerosene. Rust preventive performance is enhanced by the addition of 10% or 20% mineral oil in combination with solvent. Solubility in specific oils and solvents should always be verified. **NA-SUL CA-1183** can be combined with waxes or resins for specialty applications. **NA-SUL CA-1183** is especially useful as a dewatering fluid additive. It separates water extremely effectively into clear water and organic layers. It shows no tendency to gel or skin at the water/organic interface. **NA-SUL CA-1183** is generally compatible with most alkaline cleaners and metalworking fluids. Compatibility with likely contaminants should be verified prior to use.

ADVANTAGES:

- * Excellent corrosion inhibitor
- * Particularly effective on galvanized steel
- * Excellent solubility in a wide range of diluents
- * Resists gelling from water contact

(see reverse side)

NA-SUL[®] CA-1183

- * **Excellent water separation performance**
- * **Compatible with contamination by alkaline cleaners**
- * **Mild odor, no oxidate wax**

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

SOLUBILITY: Soluble in most mineral oils and hydrocarbon solvents as well as polyalphaolefins and vegetable oils. However, it is recommended to verify the solubility in the base oils used and the compatibility with other additives.

STANDARD PACKAGING: 430 lbs (195 kg) closed head drum.

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

SHELF LIFE: Best if used within 2 years from the date of manufacture. Container must be tightly closed.

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-1183**.

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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