

Product Data Sheet

NA-SUL[®] CAW1177



Science Road
Norwalk, CT 06852
(800) 431-7900
Fax: (203) 866-0425
E-Mail: lad@kingindustries.com

NA-SUL CAW1177 is an additive developed for use where water contact is likely such as dewatering fluids. **NA-SUL CAW1177** combines excellent corrosion protection for steel with good water separation characteristics.

CHEMICAL

COMPOSITION: Calcium alkylarylsulfonate/carboxylate and oxidized petrolatum.

APPEARANCE: Dark brown viscous liquid.

TYPICAL

PROPERTIES:	Calcium Content	1.4 %
	Acid Number (ASTM D974)	60 mg KOH/g
	Density @ 25°C (ASTM D4052)	0.98 g/ml
	Weight Per Gallon @ 25°C (ASTM D1475)	8.2 lbs
	Flash Point, COC (ASTM D92, DIN 51376)	160°C (320°F)

Note: The above analytical data are not specifications.

	<u>Typical Treat Levels</u>
APPLICATIONS: Rust Preventive Fluids	3% - 20%
Dewatering Fluids	3% - 15%

NA-SUL CAW1177 is an excellent rust preventive additive with good water displacement. It is soluble in most mineral oils including Group II and III paraffinic oils. It is specifically designed for use in solvents such as white spirits and kerosene. Rust preventive performance is enhanced by the addition of 10% to 20% oil in combination with solvent. Solubility in specific oils and solvents should always be checked. **NA-SUL CAW1177** can be combined with waxes and resins for specialty applications.

NA-SUL CAW1177 is particularly suitable as a dewatering fluid additive. It separates water from oil with no tendency to gel or skin at the organic/water interface. It is also generally compatible with contamination by alkaline cleaners and metalworking fluids. Compatibility with contaminants should be verified prior to use.

ADVANTAGES:

- * **Excellent rust inhibitor**
- * **Very good water displacement properties**
- * **Resists gelling from water contact**
- * **Compatible with contamination by most alkaline cleaners**

(see reverse side)

NA-SUL[®] CAW1177

- 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. However, it is recommended to verify the solubility in the oils and solvents used as well as compatibility with possible contaminants.
- STANDARD PACKAGING:** 430 lbs (195kg) closed head drum.
- STORAGE CONDITIONS:** Store in a cool dry place away from any direct sources 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 CAW1177**.
- 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.

King Industries, Inc.
Science Road
Norwalk, CT 06852-0588
Tel: 203-866-5551
Fax: 203-866-0425
E-mail: LAD@kingindustries.com

King Industries International, Inc.
Science Park 402,
1098 XH Amsterdam
The Netherlands
Tel: +31-20-723-1970
E-mail: info@kingintl.nl

NA-SUL[®] is a registered trademark of King Industries, Inc.

v:\ad\TechnicalLiterature\CurrntDS\NA-SUL\CA-W1177_05
Revision date: 05 SEPT 2017

The conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of product evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. Such testing has not necessarily been done by King Industries, Inc. ("King"). The facts, recommendations and suggestions herein stated are believed to be reliable; however, no guaranty or warranty of their accuracy is made. EXCEPT AS STATED, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE. KING SHALL NOT BE HELD LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES. Any statement inconsistent herewith is not authorized and shall not bind King. Nothing herein shall be construed as a recommendation to use any product(s) in conflict with patents covering any material or its use. No license is implied or granted under the claims of any patent. Sales or use of all products are pursuant to Standard Terms and Conditions stated in King sales documents.