

Product Data Sheet

NA-SUL[®] CAW1745



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NA-SUL CAW1745 is a 100% active synergistic preparation of rust and corrosion inhibitors designed for formulating premium quality slushing oils, greases and rust preventive fluids.

CHEMICAL

COMPOSITION: Calcium dinonylnaphthalenesulfonate in an oxidized petrolatum ester.

APPEARANCE: Brown amorphous waxy solid.

TYPICAL

PROPERTIES:	Calcium Content	1.9%
	Acid Number (ASTM D974)	62 mg KOH/g
	Viscosity @ 100°C (ASTM D1824)	250 mm ² /s (cSt)
	Density @ 100°C	0.94 g/ml
	Weight Per Gallon @ 100°C (ASTM D1475)	7.8 lbs
	Melting Point (ASTM D127)	39°C (102°F)
	Flash Point, COC (ASTM D92, DIN 51 376)	165°C (329°F)

Note: The above analytical data are not specifications.

	<u>Typical Treat Levels</u>
APPLICATIONS: Rust Preventive Fluids	5.0% - 25.0%
Greases	0.5% - 3.0%
Slushing Oils	5.0% - 10.0%

NA-SUL CAW1745 is an outstanding water displacing non-staining rust and corrosion inhibitor used for formulating rust preventive fluids and greases. **NA-SUL CAW1745** can be used in combination with waxes, oxidized petrolatums, and resins to formulate oil-based or solvent-based rust preventive fluids. Therefore, this product is suitable for use as an additive in rust preventive fluids which need to perform extremely well under conditions ranging from indoor humid conditions to the most severe outdoor atmospheres. **NA-SUL CAW1745** has shown very good performance in slushing oils for cold rolled steel.

NA-SUL CAW1745 is highly recommended as a rust inhibitor in grease applications. It improves salt water corrosion resistance of greases without adversely effecting the low temperature torque and water washout properties.

ADVANTAGES:

- * **Excellent rust inhibitor**
- * **Non-staining**
- * **Relatively low melting point**
- * **Useful for both thin and thick film rust preventive fluids**
- * **Very good water displacing properties**
- * **Improves resistance to water washout of greases**

(see reverse side)

NA-SUL[®] CAW1745

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 Safety Data Sheet (SDS) for **NA-SUL CAW1745**.

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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