

Product Data Sheet

NA-SUL[®] EDS



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

NA-SUL EDS is an ashless rust and corrosion inhibitor used in a wide variety of fuels and lubricants.

CHEMICAL

COMPOSITION: Proprietary preparation of dinonylnaphthalenesulfonic acid and an amine in aliphatic solvent.

APPEARANCE: Clear brown viscous liquid.

TYPICAL

PROPERTIES:	Nitrogen Content	0.7%
	Viscosity @ 40°C (ASTM D 445, DIN 51 550)	220 mm ² /s (cSt)
	Viscosity @ 100°C (ASTM D 445, DIN 51 550)	20 mm ² /s (cSt)
	Density @ 15.6°C (ASTM D 4052)	0.93 g/ml
	Weight Per Gallon @ 25°C	7.7 lbs
	Flash Point, COC (ASTM D 92, DIN 51 376)	70°C (158°F)

Note: The above analytical data are not specifications.

	<u>Typical Treat Levels</u>
APPLICATIONS: Upper Cylinder Lubricants	0.10% - 2.0%
Carburetor Deicing Agents	0.05% - 1.0%
Rust Preventive Fluids	3.00% - 15.0%
Fuels	0.05% - 1.5%

NA-SUL EDS is an ashless rust inhibitor used in fuels, lubricants, greases and rust preventive fluids. In fuels it imparts antistatic and deicing properties. It is also used as a rust inhibitor for upper cylinder lubricants and greases. **NA-SUL EDS** can be used as a unique ashless additive for fingerprint suppression and removal. It is also an excellent rust inhibitor for formulating ashless rust preventive fluids for protecting steel.

ADVANTAGES:

- * **Ashless rust inhibitor**
- * **Imparts antistatic and deicing properties**
- * **Excellent demulsification properties**
- * **Easy to handle**

(see reverse side)

NA-SUL[®] EDS

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 EDS**.

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.
Noordkade 64, 2741 EZ Waddinxveen
The Netherlands
Tel: +31-182-631360
Fax: +31-182-621002
E-mail: info@kingintl.nl

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

v:\lad\TechnicalLiterature\CurrntTDS\NASUL\EDS_03
Revision date: 06 JUNE 2014

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.