

# Product Data Sheet

## K-CORR<sup>®</sup> NF-200



Nonfood Compounds  
(Category Code: HX-1)  
(Registration #141124)



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**K-CORR NF-200** is a premium ashless liquid yellow metal deactivator for industrial and automotive lubricants, greases and rust preventive fluids.

### CHEMICAL

**COMPOSITION:** Proprietary heterocyclic derivative.

**APPEARANCE:** Clear amber viscous liquid.

### TYPICAL

<b>PROPERTIES:</b> Viscosity @ 40°C (ASTM D445, DIN 51550)	72 mm <sup>2</sup> /s (cSt)
Viscosity @ 100°C (ASTM D445, DIN 51550)	6 mm <sup>2</sup> /s (cSt)
Density @ 15.6°C (ASTM D4052)	0.95 g/ml
Weight Per Gallon @ 25°C	7.9 lbs
Flash Point, COC (ASTM D92, DIN 51376)	170°C (338°F)

Note: The above analytical data are not specifications.

**APPLICATIONS:** **K-CORR NF-200** is an ashless, easy to handle, yellow metal deactivator for protecting copper and copper alloys against corrosion initiated by active sulfur. **K-CORR NF-200** protects oils from the catalytic pro-oxidant effects of dissolved copper ions by forming a protective barrier film on the copper surface. **K-CORR NF-200** can be used in all mineral oil based lubricants and most synthetic lubricants. Depending on the base oil type and other additives used, the recommended treat level of **K-CORR NF-200** is 0.03%-0.07% by weight.

### ADVANTAGES:

- \* Compliance with the Food and Drug Administration Regulation 21 CFR 178.3570
- \* Synergistic with primary and secondary antioxidants
- \* Excellent thermal and hydrolytic stability
- \* Good demulsification properties
- \* Outstanding solubility in mineral oil and synthetic base stocks
- \* Good compatibility with other additives
- \* Low viscosity

(see reverse side)

# K-CORR® NF-200

**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.

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

**STANDARD PACKAGING:** 420 lbs (191 kg) 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 18 months 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 **K-CORR NF-200**.

**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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