



# KB 88

## THE ULTIMATE PENETRANT

KB 88 has extremely high solvency and special additives to enhance penetration and attack corrosion. It makes the toughest maintenance job easier, faster, safer, and simpler.



### FEATURES

- Formulated to attack and quickly release rusted and corroded nuts, bolts, hinges, and other frozen components
- High Kb solvency value and low surface tension
- Penetrates faster and deeper than most other similar products in the market
- Displaces moisture
- Aggressive formula
- NSF® Registered H2
- VOC Compliant in all 50 states



### SPECIFICATIONS AND APPROVALS

Approved/Qualified to:

- A-A-50493 Class B Type I & II
- NSF® Certified: H2 Registration #138554 (aerosol)  
#138553 (bulk)

### PACKAGE SIZES

#### Net Contents

13 wt.oz. / 369 g/ 417 mL aerosol  
 20 fl.oz (591 ml) trigger spray  
 1 gal. (3.78 L)  
 5 gal. (18.93 L)

#### Part No.

02316  
 02322  
 02301  
 02305

### APPLICATIONS

- Bearings
- Bolts
- Chains
- Conveyors
- Corroded Fasteners
- Equipment disassembly
- Hinges
- Nuts
- Plumbing Fixtures
- Pulleys
- Screws
- Shafts



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## THE ULTIMATE PENETRANT

### PROPERTIES

Appearance/physical state	Liquid	Flammable limits (estimated)	Upper: 11.7% Lower: 0.6%
Color	Clear Red	Auto-ignition temperature	> 420 °F (> 215.56 °C)
Odor	Hydrocarbon-like	VOC	Aerosol: 24% (209 g/L) per U.S. State and Federal Consumer Product Regulations, 783 g/L per SCAQMD Rule 102  Bulk: 25% (219 g/L) per U.S. State and Federal Consumer Product Regulations, 805 g/L per SCAQMD Rule 102
Vapor pressure	<1 mmHg @ 20 °C (est.)	Evaporation rate	< 0.1 BuAc
Vapor density	> 1	Viscosity	Low viscosity comparable with water (water = 1 cST. @ 20 °C)
Boiling point	~ 212 °F (~ 100 °C) est.	Percent volatile	92%
Solubility (water)	Not soluble	Density	7.30 lb./gal.
Specific gravity	0.875 @ 23 °C	Surface Tension	25.5 dynes/cm
Flash point	159.80 °F (71.00 °C) TCC	Dielectric Strength	31.5 kV

### HANDLING

DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not smoke. All equipment used when handling the product must be grounded. Avoid contact with eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid prolonged or repeated contact with skin. Wear personal protective equipment. Use only in well-ventilated areas.

### STORAGE

The pressure in sealed containers can increase under the influence of heat. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a well-ventilated place. Keep away from food, drink and animal feedings. Keep out of the reach of children. Use care in handling/storage. Store aerosols as Level 3 Aerosol (NFPA 30B).

### DIRECTIONS

Spray on frozen parts and let soak for several minutes. Use the attached extension tube for pinpoint application. Tap highly corroded parts after spraying for deeper penetration.

MATERIAL SAFETY DATA SHEETS AVAILABLE UPON REQUEST OR VISIT OUR WEB SITE : [WWW.LPSLABS.COM](http://WWW.LPSLABS.COM)

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