



KB 88

The Ultimate Penetrant



FEATURES

- Formulated to attack and quickly release rusted and corroded nuts, bolts, hinges, and other frozen components
- Aggressive formula bites through corrosion to free bonded parts quickly
- Low surface tension supports fast penetration
- Red color makes it easy to identify where product has been applied
- Displaces moisture
- Inverta Spray Valve can be sprayed at any angle
- Conforms to VOC regulations in US and Canada
- Contoured can for improved hand grip

APPLICATIONS

- Bearings
- Chains
- Conveyors
- Equipment disassembly
- Fasteners
- Gears & cogs
- Hinges
- Nuts & bolts
- Plumbing fixtures
- Pulleys
- Screws

SPECIFICATIONS AND APPROVALS

- A-A-50493D, Class B, Type I (bulk)
- A-A-50493D, Class B, Type II (aerosol)
- Ford Motor Co
- NSF International, H2 (Aerosol)
- NSF International, H2 (Bulk)

PROPERTIES

Appearance / Physical State	Liquid
Color	Clear. Red.
Odor	Hydrocarbon-like
Flash Point	159.8°F (71.0°C) Tag Closed Cup
Evaporation Rate	< 0.1 BuAc
Flammability	Lower: 0.6%, Upper: 11.7%
Vapor Pressure	<1 mm Hg @ 20°C
Vapor density	>1
Auto-Ignition Temperature	> 420°F (> 215.56°C)
Density	7.3 lb/gal
Percent volatile	92%
Specific Gravity	0.88 @ 23°C
VOC Content	Aerosol: 24%, Bulk: 25%
Dielectric Strength	31.5 kV
Propellant	CO2
Surface Tension	25.5 dynes/cm
Temperature Range	-55°F (-48°C) to 300°F (149°C)

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.

HANDLING

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Avoid breathing gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. Bulk liquid: 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

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Keep away from heat and sources of ignition. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep out of the reach of children.

DISPOSAL

See section 13 of the SDS

AVAILABLE PRODUCTS

Part No.		Net Contents	Container Type	Units/Case	Approximate Case Weight
US	Canada				
02316	C02316	13 wt oz / 369 g / 417 mL	aerosol	12	13 lbs
02322	C02322	20 fl oz / 591 mL	trigger	12	18 lbs



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