

Kroil Clear Food Grade Penetrant



Kroil Clear works quickly to penetrate and free rusted nuts, bolts, fasteners, shafts, pulleys, and more.

- Safe for use on Food & Beverage Equipment
- Odorless and Non-Staining
- NSF-H1 Registered and Kosher Certified
- Proven Kroil Performance

Applications

Food & Beverage Processing	Sports & Entertainment Venues
Food & Beverage Packaging	Amusement Parks
Pharmaceutical Production	Hospitality Venues
Textile Production	HVAC/Mechanical Systems

Directions

Kroil Clear Penetrant can be used to spray or soak parts that have been severely rusted or corroded. Apply Kroil Clear as close to the joint as a possible. The duration of time needed is dependent upon the severity of the rust or corrosion. It may be necessary to repeat the process.

Handling and Storage

Avoid breathing vapors, aerosols and mists. Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Wash exposed skin thoroughly with soap and water after use. Keep product away open flames and other sources of ignition. Do not cut, braze, solder, grind or weld empty containers. Aerosols are under pressure. Do not puncture, crush or incinerate containers, even when empty. Do not reuse containers. Keep out of reach of children. Store in a cool, dry, well-ventilated location away from oxidizing agents and other incompatible materials. Keep containers closed. Follow all SDS precautions in handling empty containers.

Disposal

Dispose of product in accordance with all local, state/provincial and federal regulations.

Properties

Appearance	Clear
Odor	Odorless
Flash Point:	174°F (79.0°C) aerosol 204°F (95.6°C) liquid; estimated
Flammability (Solid, Gas):	Not applicable
Pour Point:	-30°F (-34°C)
Vapor Pressure:	<0.05 mmHg @ 20°C aerosol <0.10 mmHg @ 20°C liquid
Relative Density:	~0.8
pH:	Not applicable
Boiling Point/Range:	213-232 °C aerosol 222-247 °C liquid
Flammability Limits:	UEL: 7%, LEL: 0.6% aerosol UEL: 5.5%, LEL: 0.6% liquid
Vapor Density:	5.9 aerosol, 4.5 liquid
Solubilities:	Negligible in Water
Autoignition Temperature:	>448°F (231°C) aerosol >428°F (220°C) liquid
Viscosity:	<20.5 mm2/sec@40°C
VOC	<1%, 50 US State Compliant

PART #	DESCRIPTION	NET CONTENTS	CONTAINER TYPE	ITEM UPC	UNITS/CASE
CKS032	Kroil Clear Penetrant	3 OZ	Aerosol	850034483580	12
CKS102	Kroil Clear Penetrant	10 OZ	Aerosol	850034483542	12
CKS132ST	Kroil Clear Penetrant with SprayTech™	13 OZ	Aerosol	850034483573	12
CKL081	Kroil Clear Penetrant	8 OZ	Liquid	850034483535	24
CKL011	Kroil Clear Penetrant	1 GAL	Liquid	850034483597	1



Kroil Clear Aerosol
NSF Registration#: 169985
Kroil Clear Liquid
NSF Registration#: 169841