

274



INDUSTRIAL DEGREASER

Description

Chesterton® 274 Industrial Degreaser is an industrial strength, hard surface degreaser which will dissolve grease, oil, tar and other similar water insoluble soils generally encountered in industrial and marine environments.

Industrial Degreaser is designed to be used as received and may be applied by spray, brush or dipping. It is commonly used in commercial parts washers to replace more hazardous solvents.

Chesterton 274 Industrial Degreaser has a high flash point and low aromatic content. It offers greatly improved safety compared to conventional petroleum based degreasers.

Composition

Industrial Degreaser is designed to balance its ability to clean with a low evaporation rate, high flash point and low aromatic content. The aromatic content (C8+) of Industrial Degreaser is less than 0.2 percent.

The product is non-chlorinated and contains no ozone depleting substance. 274 provides a preferable alternative to these environment damaging solvents.

Typical Physical Properties

Appearance		Clear, Transparent
Flash Point, Tag Closed Cup	(ASTM D 56)	62°C (143°F)
Auto-Ignition Temperature	(ASTM D 2155)	227°C (440°F)
Aromatic Content (C8+)		
Weight %		<0.2
Percent Volatile by Volume at 25°C (77°F)		100
Solubility in Water		Insoluble
Color, Saybolt	(ASTM D 156)	>30
Evaporation Rate at 25°C (77°F)		
n-Butyl Acetate=1		151 (approximate)
Vapor Pressure at 25°C (77°F)	(ASTM D 2879)	<10 mm Hg
Specific Gravity		0.78
Dielectric Strength	(ASTM D 877)	50 Kv

Suggested Uses

- Degreasing metal parts, equipment, vehicles, floors and other hard surfaces.
- Replacement for kerosene, mineral spirits, chlorinated solvents and naphtha based cleaners and degreasers.
- Use in recirculating and agitated parts washers and dip tanks.
- Degrease surfaces prior to coating.
- Clean equipment before disassembly for maintenance, repair, or machining.
- Remove process oils and other contaminants from in process parts.
- Applications can be found in metal production operations, paint shops, maintenance departments, boiler rooms, repair shops, vehicle and ship yards, among others.
- Cleans non-energized electrical equipment*

Features

- Dissolves Grease, Oil, Tar and Other Organic Soils
- High Flash Point
- Low Aromatic Content
- Low Odor
- Low Evaporation Rate
- Does Not Attack Most Paints and Plastics
- Safe For Use on All Metals
- Fast Penetrating Action
- NSF C1, K1, K2 Registration number 133955 (bulk) and 133949 (aerosol)

Directions

Chesterton® 274 Industrial Degreaser is used as received and should not be diluted with other organic solvents or water.

Before using on painted surfaces, plastic or rubber, a small amount of 274 should be placed on the surface in a noncritical area. Wait about 15 minutes and check the surface for attack or softening. If damage has occurred, do not use product.

Apply the product directly to the surface to be cleaned or immerse the part or equipment directly in Industrial Degreaser. Allow a short time for 274 to attack the soil. In some cases, with stubborn deposits, mechanical action should be used. Wipe the part or equipment with an absorbent wiper or allow the part or equipment to air dry. Superior results can be obtained by rinsing the part or equipment with fresh 274 prior to wiping or air drying. The rate of air drying can be increased by blowing clean air across the surface.

Determine if relubrication is necessary before returning to service.

Safety

Before using product, review the Material Safety Data Sheet (MSDS) or the appropriate safety sheet for your area.

*Do not use on energized equipment. Disconnect power supply before cleaning and be sure all solvent has evaporated before energizing.

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860 SALEM STREET
GROVELAND, MASSACHUSETTS 01834 USA
TEL: (781) 438-7000 • FAX: (978) 469-6528
www.chesterton.com

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