

277

METAL SURFACE DEGREASER

Description

Chesterton® 277 Metal Surface Degreaser is a fast acting, industrial strength cleaner containing zero ozone depleting potential. It is a high performance, non-chlorinated product designed to penetrate oils, greases and other soils common to industrial production areas.

Chesterton 277 offers a more environmentally responsible alternative to cleaners containing chlorinated solvents which can last for years in the atmosphere and cause damage to the vital layer of ozone protecting the earth.

Chesterton 277 Metal Surface Degreaser is formulated to be extremely low in residue and to dry quickly, preventing costly downtime. It is compatible with most surfaces and will require few process modifications other than normal precautions necessary for handling a flammable liquid.

Chesterton 277 should be used as received and applied by spray, brush or dipping. The strong flushing action provided in the aerosol gives additional mechanical break-up action to rid surfaces of dust, dirt and grime.

Composition

Chesterton 277 Metal Surface Degreaser contains no chlorofluorocarbons or other chlorinated solvents that deplete the ozone layer.

Because it is formulated with an ultra-clean blend of solvents, Chesterton 277 will leave virtually no residue. It has a kauri-butanol value very similar to chlorofluorocarbons and will provide a similar degree of solvency.

Typical Physical Properties

Form	Liquid
Appearance	Clear, Transparent
Solubility in Water	Negligible
Flash Point, Pensky Martens ASTM D 93-85	-6°C
Aromatic Content (C8+) Weight %	Less than 0.2
Percent Volatile by Volume at 25°C	100
Color Saybolt ASTM D 156	> 30
Evaporation Rate at 25°C n-Butyl Acetate = 1	5 (approximate)
Vapor Pressure at 25°C ASTM D 2879	< 60 mm Hg
Density	0,7 kg/l
Specific Gravity	.7
Dielectric Strength ASTM D 877	≤ 35 Kv

Suggested Uses

Spray Cleaning Of:

- Roller bearings
- Valves and fittings
- Chain Drives/Sprockets
- Slides, hinges, moving mechanisms
- Equipment
- Motors
- Delicate Precision Equipment
- Parts In Process

Features

- No Ozone Depleting Chemicals
- Fast Evaporation Rate
- Safe For Use On All Metals
- Low Aromatic Content
- Removes Dust, Dirt, Oil and Other Industrial Soils
- Low Residue
- NSF C1, K1 Registration number 134007 (bulk) and 134008 (aerosol)

Directions

Chesterton® 277 Metal Surface Degreaser should be used as received and not be diluted with other organic solvents or water.

Before using on painted surfaces, plastic or rubber, a small amount of 277 should be placed on the surface in a non-critical area. Wait about 15 minutes and check the surface for attack or softening. If damage has occurred, do not use product.

Storage

Chesterton® 277 Metal Surface Degreaser should be stored at temperatures below 38°C and away from potential ignition sources.

The product shelf life is two years from date of manufacture in unopened containers.

Safety

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

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