

KPC 820

TECHNICAL
CHESTERTON®
PRODUCTS

Description

Chesterton® KPC 820 is the premium product of choice when searching for an environmentally compliant solution to your plant's degreasing needs. It is an oil and grease cutting liquid, completely miscible in water.

Containing no chlorinated solvents, caustics, butyl compounds, phosphate or petroleum distillates, Chesterton KPC 820 is the safe alternative for all degreasing applications.

Chesterton KPC 820 will provide efficiency not usually seen in other "safe" cleaners. It quickly removes metal working fluids of all kinds, grease, grime and other soils common to industrial production areas. When used at elevated temperatures, the cleaning action is accelerated. The heaviest grime can be removed easily at temperatures of 60°C to 82°C.

Chesterton KPC 820 is cost efficient. To meet individual cleaning requirements and determine needed solution strengths, field evaluation is necessary. The heaviest industrial grime may require a more concentrated solution, while light soils can be removed with as little as a 1-2% concentration.

Composition

Chesterton KPC 820 contains only one category of raw materials; those that provide the difficult balance of environmental acceptability, worker safety and performance.

Instead of harsh alkalies, toxic solvents and phosphates, Chesterton KPC 820 is formulated with several unique ingredients which synergistically act to provide degreasing power without harmful side effects.

Chesterton KPC 820 is much more than a simple "green" cleaner - it is a powerful performer that works in heavy industry as well as light commercial and institutional facilities.

Typical physical properties

Form	Liquid
Color	Green
Appearance	Clear, transparent
Odor	Mild/Sweet
Solubility in water	Complete
Specific Gravity	1,04
Boiling point	100°C
Flash point	None
Fire point	None
Freezing point	0°C
pH (Concentrate)	9,9
Freeze thaw stability	Passes 6 cycles

Quickly and efficiently removes

- Oily deposits
- Soot and exhaust residue
- Metal working fluids
- Animal and vegetable fats
- Lubrication compounds
- Other soils common to industrial production areas

Features

- Nonflammable
- Nontoxic
- Biodegradable
- Phosphate free
- Highly dilutable
- Safe on most metals
- NSF A1 - Registration number 133963
- No offensive odor
- Moderate pH

Minimum Concentrations (In Water):

General cleaning	5%
Light oils	3%
Soot, diesel fuels etc.	5%
Machining fluids	3%
Waxy films	30%
Heavy grime	15%

Safety

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

Waste disposal

Chesterton® KPC 820 is considered biodegradable and not harmful to the environment. Local authorities should be contacted to determine proper procedures for disposal as regulations vary.

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