

PERFORMANCE SHEET

MAINTENANCE CLEANING - Quaker Formula® Pure Blue™

BACKGROUND

In an industrial setting, there is constant and essential requirement to keep work areas and equipment clean from the accumulation of oils, greases, and dirt coming from the manufacturing environment. Historically, the cleaners used for this task often contained harsh chemical components needed to wash away the contaminants with the risk of the maintenance worker to experience the irritating side effects of the cleaner while handling it.

Quaker Formula® Pure Blue™, a water based maintenance cleaner, was formulated with **effective surfactants** to cut through oil, grease, and dirt on floors, walls, and shop machinery. In addition to its **superior cleaning properties**, it has **environmental and worker compatibility** characteristics. The product does not contain any hazardous components and its pleasant scent and low alkalinity makes the product **less irritating while handling**. **Quaker Formula® Pure Blue™** can be used in a **wide range of industries** including mining, oil & gas, and steel and in functions such as floor scrubbers, machinery, tools, and general maintenance cleaning applications.

BENEFITS

- » Excellent cleaning abilities from a water based cleaner with a strong surfactant package for use in multiple cleaning applications
- » Mild soapy scent and nearly neutral pH means less irritating and safer handling conditions as compared to other maintenance cleaners
- » Non-hazardous cleaner formulated without phosphates, silicates, phenols, or glycol ether solvents
- » All-purpose cleaner replacing the multiple single function products resulting in simplified ordering and reduced costs

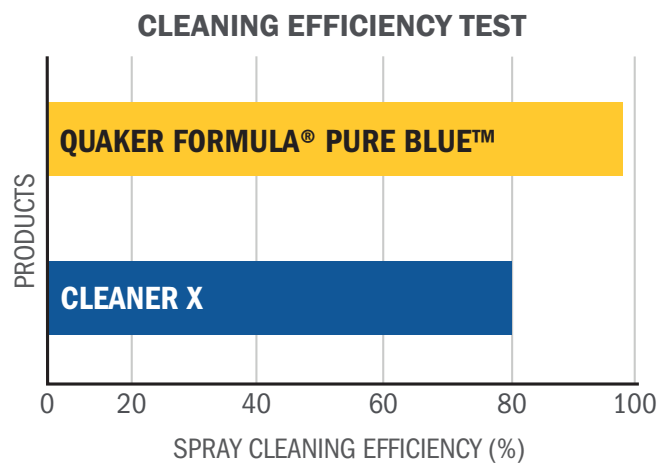
TEST PARAMETERS

To evaluate its cleaning performance, **Quaker Formula® Pure Blue™** was compared to a competitive water based maintenance cleaner to test for cleaning efficiency.

Superior cleaning properties can be demonstrated with a side by side comparison involving cold rolled steel panels coated with a lithium complex grease at coating weights of 200 mg/ft² and placed in a spray cabinet. Each panel was weighed before and after the spray cleaning process. Testing was performed in triplicate with the following experimental parameters:

- » 10% cleaner concentration
- » 90°F cleaner bath temperature
- » 25 psi spray header pressures
- » 5 second cleaning intervals

Quaker Formula® Pure Blue™ vs. Cleaner X Test Performance



- » **Quaker Formula® Pure Blue™** was able to achieve a **98% cleaning efficiency**