

Kleenrinse 627



KLEENRINSE 627 is a liquid cleaner for in-process metal, metal parts, and heat treating operations. It is a blend of synthetic surfactants that provide good dispersion and detergency. The particular blend was chosen for this cleaning capacity while being very weak emulsifiers. This allows for an aqueous solutions of the cleaner to lift and suspend oil and oily soils in cleaning processes; while facilitating reclamation of the cleaning solution with simple skimming tools.

Use solutions of KLEENRINSE 627 are near pH neutral and will not hydrolyze performance additives in cutting oils. Common performance additives (fats and esters) can be hydrolyzed by alkaline cleaning solutions causing them to form alkaline soap byproducts that will serve as powerful emulsifiers. The tightly emulsified cutting oil will cause failure of the cleaning solution.

KLEENRINSE 627 is designed to provide extended use cleaning solutions to minimize disposal burden; it does not contain chelants, nitrites, or silicates. Recommended use levels are 5% - 10% by volume.

CHEMICAL / PHYSICAL CHARACTERISTICS:

pH of product	-	7.7
pH 5% solution	-	6.8
weight/gal.	-	8.45 lb/gal
specific gravity @ 60° F.	-	1.01
flash point	-	none
freeze point	-	30° F.

SOLUTION CONTROL:

Solution strength may be determined using a refractometer such as American Optical A/O 10441; titration methods are in development.

% by Volume KLEENRINSE 627	5%	10%
Refractometer ° Brix	.5	1

HANDLING INFORMATION:

Keep containers closed when not in use. If frozen, simply thaw and use. Use safety glasses and protective clothing to avoid prolonged or repeated contact with concentrated solutions. Contact with eyes will cause irritation. Clean and launder contaminated clothing before use.

DISPOSAL:

This product is biodegradable and can be treated in most industrial or municipal treatment systems. Consult local regulations.