

TECHNICAL DATA BULLETIN

SK 4053 Industrial Cleaner / Degreaser

Description:

SK 4053 is a super concentrated, industrial-strength all-purpose liquid cleaner used for cleaning and degreasing applications. An optimized water-based blend, it is specifically designed to replace a wide variety of conventional cleaners.

SK 4053 offers more than just cleaning and degreasing results. Biodegradable and non-hazardous, SK 4053 eliminates the need for chemicals that are otherwise harsh to the environment and user. Unlike many other cleaners, especially those that are solvent based, SK 4053 will remain effective upon dilution and can often be diluted far beyond conventional cleaners, resulting in superior cost performance. It also outperforms other chemicals that require higher operating temperatures, resulting in more efficient operating cost.

Due to its efficient cleaning effect on organic soils such as grease and oil, it can often replace many solvent cleaners and degreasers. SK 4053 has extremely good wetting, excellent particulate soil dispersion, and leaves a dryer, film-free surface after cleaning.

SK 4053 is safe for use on ferrous and non-ferrous metals, aluminum, and painted surfaces and may be used in many different forms of application.

Properties:

chemical composition	surfactants and builders
physical form	liquid
odor	mild
specific gravity	1.08
foaming tendency	moderate
maximum solubility	100% in water
rinsability	free rinsing
penetration	instantaneous
wetting	excellent
emulsification	excellent
normal working concentrations	varies
normal working temperatures	ambient
biodegradable	yes

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Applications:

SK 4053 may be applied by hand, spray, mop, hose, sponge, or automatic cleaning machines. The following are typical applications for SK 4053 and suggested use concentrations for certain industries.

Aerospace: agitated/heated dip tank or hand wiping; various dilutions; rinsed & dried.

Automotive & Aircraft:

fasteners: automatic cleaning machine; various dilutions; rinsed & dried.
exterior: sprayed, steamed or foamed; 20-25% dilution; rinsed & dried.
engine &
interior parts: sprayed, steamed or foamed; 10-25% dilution; rinsed & dried.
gear boxes: dip tanks, pressure sprayer, spray washer; various dilutions;
rinsed & dried.

Use Concentrations:

Engines and machinery: 1:10 - 1:20 (for general cleaning)
1:5 - 1:20 (degreasing)
Wax removal: Use at 1:10 with hot water.
All-Purpose Cleaner: Use at 1:10 - 1:100 with water.
Floors: Use at 1:20 – 1:40 with water.
Degreasing: 1:5 – 1:20
General Maintenance: 1:10 – 1:50
Vehicle Cleaning: 1:30 – 1:40
Vibratory De-Burring: 1:50 – 1:100

Packaging:

5 gallon pail
55 gallon drum
330 gallon tote tank