

SAFKLEEN 221

DESCRIPTION

SAFKLEEN 221 is an alkaline water-based cleaner used by dipping or spraying for inter operational degreasing of ferrous metals.

SAFKLEEN 221 leaves a water-soluble protective film on the parts, the protection duration depending on the concentration used.

SAFKLEEN 221 exerts its detergent action in a temperature range from 40 ° C to 70 ° C.

APPLICATIONS

The concentration and temperature of use of **SAFKLEEN 221** is a function of the pollutant, the type of machine and the time of treatment.

Recommended concentration :

- From 1 to 3% as a passivating without rinsing
- From 1 to 10% as a degreaser

CONCENTRATION CONTROL

The control of the bath of **SAFKLEEN 221** is carried out by evaluating the TOTAL ALKALITY :

- Take 10 mL of bath with a calibrated pipette and add 5/6 drops of bromocresol green indicator
- Titrate with 0.1N HCl until complete color change from blue to yellow

Concentration of SAFKLEEN 221 : $\text{Concentration\%} = \text{mLHCl1N} \times 0.24$

A 1% bath consumes about 4.2 mL of 0.1N acid.

TECHNICAL INFORMATION

NAME	UNITS	METHOD	SAFKLEEN 221
Aspect	-		Clear / Light Yellow
Density at 20°C (68°F)	Kg / m ³	ISO 12.185	1.035-1.045
pH	-	NFT 60.193	11.2
pH	-	NFT 60.193	10.2 solution at 1% in water

These characteristics are given only for information and can be updated over time.



DATA SHEET

SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.