

SAFKLEEN 1112

Degreasing Agent

DESCRIPTION

SAFKLEEN 1112 is an acid cleaner used as a brightener and deoxidizer for ferrous metals, it also offers a remarkable brightening property which respect to aluminum and its alloys.

APPLICATIONS

SAFKLEEN 1112 is particularly suitable for brightening which respects aluminum and its alloys.

SAFKLEEN 1112 effectively removes oxides from the surface of metals such as steels or aluminum.

SAFKLEEN 1112 can be used by dipping or ultrasonic at room temperature up to 60°C. Depending on the metal and the pollutant, it can be used from 5% to 30%.

ADVANTAGES

- Remarkable brightening properties
- Easy to rinse
- Use at low temperature
- Can be used with any type of water
- Boron free
- Very good bio-stability

TECHNICAL INFORMATION

CHARACTERISTICS	UNIT	METHOD	SAFKLEEN 1112
Color	-	-	Light yellow
Density at 20°C	-	ISO 12185	1.160
pH at 5% in water	-	NFT 60.193	1.7
Break Point Corrosion	%	IP 287	2
Refractometer factor	-	M 15	2.6

The specifications are given for information purposes only and may need to change.

RECOMMENDED CONCENTRATIONS

- Aluminium: 5-10%
- Steels: 10-30%

CONCENTRATION CONTROL

- 10 mL of the solution are transferred into a beaker and 2-3 drops of phenolphthalein added.
- The titration is performed with NaOH N/1 (sodium hydroxide) until the colour changes from colourless to red.

The mL of sodium hydroxide N/1 used is the reference point of the bath.

Reference point (free alkalinity)	Concentration
1.2 mL	20 g/L
2.4 mL	40 g/L
3.6 mL	60 g/L
4.8 mL	80 g/L

HEALTH & SAFETY

- Free from chlorinated additives and boron
- Good dermatological behavior for better user comfort
- Frost-free storage in a dry place