

**SAFKLEEN 334**

Degreasing Agent

WATER BASE

**DESCRIPTION**

**SAFKLEEN 334** is a caustic free water-based cleaner used for degreasing by spraying on aluminum, iron, cast iron, zinc, copper and its alloys, contaminated by grease and mineral oils.

**APPLICATIONS**

**SAFKLEEN 334** is generally used where in addition to a degreasing treatment is also required anti-oxidant protection of the metal parts.

**SAFKLEEN 334** allows mineral oils and greases elimination.

**SAFKLEEN 334** can be used by spraying up to 5 bars, by dipping or by ultrasonic in a temperature range from 30°C to 50°C.

**ADVANTAGES**

- Protection against oxidation.
- Easy to rinse.
- Fully organic.
- Use at low temperature.
- Can be used with any type of water.
- Boron and phosphate free.
- Very good bio-stability.

**TECHNICAL INFORMATION**

TECHNICAL CHARACTERISTICS	UNITS	METHOD	SAFKLEEN 334
Aspect	-		Clear / Light Yellow
Density at 20°C (68°F)	-	ISO 12185	1.050
Refractometer Factor	-		3.0
Break Point Corrosion	%	IP 287	> 10
pH	-	NFT 60.193	8.9 (5% in water)
Storage	-		in frost-free, dry place

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

**HEALTH & SAFETY**

- Free from chlorinated additives and boron
- Phosphate free
- Good dermatological behavior for better user comfort

## RECOMMENDED CONCENTRATIONS OF USE

- Aluminium and zinc: 1-4%
- Ferrous metals: 5-15%

## CONCENTRATION CONTROL

- A 10 ml of the solution are transferred into a beaker and 2-3 drops of bromocresol green.
- The titration is performed with 0.1 N HCl (Hydrochloric Acid) until the colour changes from blue to yellow.

The ml of 0.1 N HCl used is the reference point of the bath.

Reference point (HCl N/10)	Concentration
0.6 ml	10 g/L
1.1 ml	20 g/L
1.7 ml	30 g/L
2.3 ml	40 g/L
2.8 ml	50 g/L
3.4 ml	60 g/L

## 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.