

## SAFKLEEN 234

### Degreasing Agent

#### DESCRIPTION

**SAFKLEEN 234** is a water-based cleaner that can be used, either by spraying or by ultrasonic immersion, for the degreasing and the temporary passivation of all types of metals.

**SAFKLEEN 234** can be used in spraying washing machines where perfect cleaning is required after heat treatment of steel and when a low VOC content product is needed (below 10%).

**SAFKLEEN 234** exerts its detergent action in a concentration range from 1 to 5% and in a temperature range from 30°C to 60°C, maintaining a controlled level of foam.

#### TECHNICAL CHARACTERISTICS

Characteristics	Method	Unit	SAFKLEEN 234
Aspect	Visual	-	Colorless
Density at 20°C	NF EN ISO 12 185	-	1-1.10
pH pure	NFT 60 193		10.3-10.7
Solubility in water			Complete

#### APPLICATIONS

Fill the tank for 2/3 of its volume with water and heat it to the working temperature.

For every 1000 liters of bath add from 10 up to 50 Kg of **SAFKLEEN 234** with the moving pumps, make up to volume and circulate the solution for at least 15 minutes before use.

#### CONCENTRATION CONTROL

A 10 ml of the solution are transferred into a beaker and 2-3 drops of phenolphthalein added. The titration is performed with HCl N/10 (hydrochloric acid) until the colour changes from red to colourless.

The ml of hydrochloric acid N/10 used is the reference point of the bath.

Reference point (free alkalinity)	Concentration
3.8 ml	1%
11.3 ml	3%
18.8 ml	5%

## SERVICE AND EQUIPMENT

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

## IMPORTANT NOTICE

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment.

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary. The safety data sheet of this product is available at [www.motul.com](http://www.motul.com)