



# ACTICIDE 14

BACTERICIDE

## DESCRIPTION

**ACTICIDE 14** is a VOC-free concentrated formulation of CIT/MIT used for water based metal-working fluid treatment.

It can be used as a tankside bactericide and fungicide additive in 2 different ways:

- as preventive to reduce the risk of pollution in a hazardous environment
- in shock treatment, in case of heavy pollution in bacteria or fungi It is recommended to make the addition of the product at several places in the system.

Do not exceed the maximum treatment concentration of 0.025%.

Introduce **ACTICIDE 14** into the tank where the circulation of the metalworking fluid is maximum to mix it properly (lift pump, at the return of the fluid in the tank...).

## APPLICATIONS

In case of heavy contamination by bacteria (usually identified by the presence of odours), add **ACTICIDE 14** to kill the pollution, increase pH with a pH-booster such as **BECROSAN CP 2125** and adjust the fluid concentration if necessary. In case of fungi pollution, chemical treatment needs to be completed with a mechanical removal of the visible deposits and fungi in the tank and in the fluid.

**Dilution of use: 0.025%**, i.e. ¼ litre of **ACTICIDE 14** per 1000 litres of metalworking fluid

## HEALTH AND SAFETY

- Avoid contact. **Gloves and glasses are required.**
- Read carefully the Material Safety Data Sheet and technical data sheet for more information.

		TANK SIZE / METALWORKING FLUID VOLUME in LITRES															
ACTICIDE 14	Dilution rate	50	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	3000	
		VOLUME OF TREATMENT PRODUCT TO ADD in LITRES															
<b>Shock</b>	<b>0.025%</b>	0.0125	0.025	0,0375	0,05	0,075	0,1	0,125	0,15	0,175	0,2	0,25	0,375	0,5	0,625	0,75	
<b>Preventive</b>	<b>0.005%</b>	0.0025	0.005	0,0075	0,01	0,015	0,02	0,025	0,03	0,035	0,04	0,05	0,075	0,1	0,125	0,15	



## INSTRUCTIONS

In case of long machine stops, following regular maintenance operations (concentration level and tramp oils and chips removal), add **ACTICIDE 14** as preventive 24h before the stop. In a hazardous environment or a centralized system, regular maintenance operations can be completed by a monthly preventive treatment. For optimal efficiency, it is recommended to make the addition of antifoam after filtration system and at several locations in the installation.

**Dilution of use: 0.005%**, i.e. 0,05 litre of **ACTICIDE 14** per 1000 litres of metalworking fluid.

## 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.

### 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. The safety data sheet is available on [www.motul.com](http://www.motul.com).

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.