



Industrial
Lubricants



Automotive
Lubricants



Biodegradable
Lubricants



Agricultural
Lubricants



Cleaning &
Maintenance



Greases &
Pastes



Foodsafe
Lubricants



Heritage Oils



Lubrication
Equipment



Metalworking
Fluids



Biotect

Secondary Treatment Biocide for Metalworking Fluid Emulsions

Product Code: AGL

Product Description

Pennine Biotect is a secondary treatment broad spectrum biocide / fungicide fluid for use in self-contained or centralised water-based coolant systems and machine tools using soluble cutting oils.

Applications

Used to control bacterial and fungal infections and to prolong the life of water-based metalworking fluids. It helps to reduce objectionable odours emitted by metalworking fluids suffering from bacterial contamination whilst not affecting the stability and performance of the fluid.

It can be used whilst the machine is in operation and thus there is no loss of production time.

The product may be used at a low level to control bacteria on a regular basis in systems which are known to suffer problems, it may also be used at a higher dose to sterilise a system. Erratic use of uncontrolled quantities of Biotect is not recommended.

Instruction For Use

Calculate the coolant volume in the sump before adding Biotect. Overdosing of Biotect may lead to skin / respiratory complaints.

When handling Biotect wear suitable protective clothing:

- Gloves
- Safety glasses
- Face mask (if splashing may occur)

If neat Biotect comes into contact with skin, wash off immediately with warm water. For further information refer to relevant Health & Safety data sheet.



Certificate Number: 9480
ISO 9001



Pennine Lubricants Limited Company reg no. 3510091



32 Atlas Way,
Sheffield, S4 7QQ

T. 0114 285 2987
E. info@penninelubricants.co.uk
W. www.penninelubricants.co.uk



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As regular controlling doses add 0.15 – 0.2 % Biotect to actual coolant volume at a point of high fluid turbulence to ensure the additive is thoroughly mixed into the metal working fluid.

As a “shock” dose for heavily contaminated sumps add 0.5 % Biotect to actual coolant volume at a point of high turbulence to ensure the additive is thoroughly mixed in to the metal working fluid.

Ensure that **ALL** Biotect additions are recorded on Coolant Monitoring Sheets for the date and amount added.

Availability

Pennine Biotect is available in 25 litre drums and 5 litre plastic bottles.

Storage

Barrels of lubricant should always be stored in such a way that will prevent the ingress of water when stored in the open. Protect from frost.

Health & Safety

Please refer to the relevant Health and Safety Data Sheet, a copy of which is freely available to all our customers.

Data represented is typical of that obtained with normal production tolerances and does not constitute a specification. The policy of Pennine Lubricants is one of continual improvement; we therefore reserve the right to change specifications without notice.



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