



BOEM/09-1

## BioSafe BOEM

BioSafe BOEM is a water miscible product based on vegetable oils for use in sawmills. Vegetable oils are biodegradable, renewable and does not harm the environment or human.

BioSafe BOEM is developed to form a stable emulsion with water for cooling, and lubricating purposes of saws.

The emulsion will cool, lubricate and prevent residues stick to blades, saw bands and wheels. The product will also protect tools and the machines from corrosion and contains protection against growth of bacteria, fungi and mould.

Recommended concentrations are 3-5%. The emulsion is preferably mixed with help of an injector mixer.

### Physical and Chemical Data (typical)

Analysis	Method	Unit	BOEM
Viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	40
Pour Point	ISO 3016, ASTM D 97	°C	-10
Density at 20°C	ISO 3675	kg/m <sup>3</sup>	920
pH, 5%			5
Flash Point	ASTM D 93	°C	>200

### Health and Safety Data

Analysis	Method	Unit	BOEM
Biodegradability	OECD 301 F	(%)	Readily biodeg. >80
Toxicity	OECD 201-203, 401		Non toxic
Bioaccumulation	OECD 305 D		No acc.
Skin- eyes - bronchus-irritation	OECD 401-402, 404-405		Non irr in emulsion
Biological renewability		%	>80

Product code		112010
Packaging	1000-l IBC (02)	X
	200-l drum (03)	X

**Storage:** Indoor, in sealed containers. If the product is stored under cold conditions, it must be warmed three days before use.

A company in the AAK Group