

Busan® 30WB

Broad-spectrum microbicide

- Tankside additive for the control of fungi
- Compatible with water-soluble lubricants
- No hazardous solvents

Busan 30WB is a water-based, broad-spectrum microbicide based on 2-(Thiocyanomethylthio)benzothiazole or TCMTB. The product is effective against microorganisms which degrade and foul metalworking fluids. Busan 30WB is specifically recommended for use as a tankside additive to prevent the growth of fungi and bacteria in diluted, end-use soluble oil, semi-synthetic and synthetic fluid systems. Another Buckman product, Busan 1030, also based on TCMTB, is recommended for use in soluble oil and semi-synthetic metalworking fluid concentrates.

Busan 30WB is registered with the Environmental Protection Agency under EPA Reg. No. 1448-55 for use in cutting fluids. For information on other EPA-registered uses, contact your Buckman representative.

Application

Busan 30WB is used to inhibit bacterial and fungal degradation of water-based and water-soluble or emulsifiable cutting fluids and coolants used in metalworking operations. The product should be added to the diluted cutting fluid at a rate that will provide 150–250 parts per million (ppm) Busan 30WB (weight/weight) after final dilution with water. To prevent fungal growth on the inside walls of the diluted metalworking fluid storage tanks, higher concentrations of Busan 30WB are needed. For this application, it is recommended that Busan 30WB be added to the diluted fluid as it is prepared to provide a concentration of 1,000–1,250 ppm.

Busan 30WB can be dispensed directly from the shipping container by means of a chemical-metering pump or suitable measuring containers. To ensure complete dispersion, product should be added to the system at a point of vigorous agitation.

Because Busan 30WB is a liquid emulsion, inventory control is important. Oldest inventory should be used first, and the in-plant storage time should be kept to a minimum. After prolonged periods of storage or if a clear fluid appears on top of the emulsion, the product should be thoroughly mixed or agitated before use. Busan 30WB should be kept from freezing.

Packaging and handling

Busan 30WB is a liquid packed in nonreturnable drums, pails and in bulk. **Refer to Material Safety Data Sheet for suitable materials of construction for handling and storing this product.**

Improper handling of this product can be injurious to workers. **Observe all safety precautions shown on the label and in the Material Safety Data Sheet.**

For more information on Busan 30WB, Busan 1030, or other Buckman products for metalworking, contact us directly at 1 800 BUCKMAN; visit our website at www.buckman.com; or write to us at Buckman Laboratories, Inc., Attn: Performance Chemicals, 1256 North McLean Blvd., Memphis, TN 38108.

Typical product characteristics

Active ingredient: 2-(Thiocyanomethylthio) benzothiazole	30%
Inert ingredients	70%
Appearance	White, creamy liquid
Density at 25°C (77°F)	1.11 g/cm ³
Weight per U.S. gallon	9.3 lb
Volume per pound	410 mL
Volume per kilogram	900 mL
pH (100 ppm in water)	5–6

Please see important information on reverse side.