

DESCRIPTION

BioCut FG 2000 is a readily biodegradable, food grade general purpose cutting fluid. It reduces friction, dissipates heat, and extends cutting tool life. BioCut FG 2000's structure protects tools and metal materials. BioCut FG 2000 meets the guidelines of an H1 product for incidental food contact and is suitable for use as a general-purpose metal and thread-cutting fluid in food processing and packaging environments.

FEATURES & BENEFITS

- NSF H1 food grade lubricant
- Superior lubricity provides smooth metal cutting and threading
- Excellent heat dissipation
- Extended tool life
- Contains anti-corrosion additives to protect tooling and materials
- Minimally toxic, virtually zero VOC emissions

SUITABLE USES

General purpose cutting applications requiring an H1 registered food grade cutting fluid.

LIMITATIONS

BioCut FG 2000 is NOT formulated for heavy-duty machining.

APPLICATION / TECHNICAL SUPPORT

- Follow recommendations provided in your equipment owner's manual
- Follow your organization's best practices for preparation, cleaning, conversion, application, and ongoing maintenance practices
- **Technical Support** - If you have further questions, please fill out contact form on bioblend.com and one of our team will contact you to review your question(s)

APPROVALS / CERTIFICATIONS

- eSyn™ Certified
- NSF H1 registered food grade lubricant - #141202
- Classified as an environmentally acceptable lubricant (EAL) as per EPA standards for

biodegradability, toxicity and bioaccumulation in aquatic environments

PACKAGE SIZES

- 5 Gal Pail
- 55 Gal Drum
- 275 Gal Tote

STORAGE

Keep in a cool, dry and well-ventilated place. Store in a properly labelled, original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. To help maintain product quality, do not store in heat or direct sunlight.

CAUTIONS

Ensure adequate ventilation. Do not breathe vapor/dust. Use personal protective equipment and avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. See the safety data sheet (SDS) for emergency, proper handling, and disposal information.

AVAILABILITY

Worldwide

TYPICAL PROPERTIES

Technical Property	ASTM Test Method	FG 2000
Product Code		BCFG2000
ISO Grade		40
Specific Gravity	ASTM D1298	.91
Viscosity @40°C, cSt	ASTM D445	40
Viscosity @100°C, cSt	ASTM D445	9
Viscosity Index (VI)	ASTM D2270	>200
Performance Property		
Pour Point °F (°C)	ASTM D97	0 (-18)
Flash Point °F (°C)	ASTM D92	>550 (288)
Copper Corrosion	ASTM D4048	1A
Rust Test, A & B	ASTM D665	Pass
Readily Biodegradable (meaning>60%)		Pass
Biodegradability, %	OECD 301B	>95
Minimally Toxic		Pass

The values quoted above are typical of normal production. They do not constitute a specification.

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APPROVALS / CERTIFICATIONS LOGOS

