

PRODUCT NAME

BioCut FG 2000 – Food Grade Cutting Oil

MANUFACTURER

BioBlend Renewable Resources, LLC.
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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 AND 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

PACKAGING

- 5 Gallon Pails
- 55 Gallon Drums
- 275 Gallon Totes

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.

STORAGE AND SHELF LIFE

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.

Shelf Life - Product shelf life is 24 months from date of packaging. In some cases product can last longer,

please contact your BioBlend representative for proper testing and confirmation instructions.

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. Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

APPLICATION

- Follow recommendations provided in your equipment's owner's manual
- Follow your organization's manuals and/or best practices for preparation, cleaning, conversion, application and ongoing maintenance practices
- If you have further questions, please contact BioBlend Tech Services by filling out the contact us form on bioblend.com

AVAILABILITY

Worldwide.

TECHNICAL SERVICES

For additional information including the Safety Data Sheet (SDS), Frequently Asked Questions, and Glossary please visit bioblend.com.

APPROVALS AND CERTIFICATIONS

- 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

TYPICAL PROPERTIES

Property	ASTM Test Method	FG 2000
Product Code		BC1900032
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
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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