

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product name: BioCut Cutting & Drilling Paste
 Product code: 704030-0001
 Synonyms: BioCut Paste

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Grease
 Uses advised against: No specific uses advised against are identified

1.3. Details of the supplier of the safety data sheet

Holemaker Technology LLC
 4600 140th Avenue North
 Suite 180
 Clearwater
 Florida
 33762
 Email: inquiries@holemaker-technology.com

1.4. Emergency telephone number

Emergency Tel: 833 642 2872

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Physical hazards: Not Classified
Health hazards: Not Classified
Environmental hazards: Not Classified

2.2. Label elements

Hazard Statements: NC Not Classified

2.3. Other hazards

This product does not contain any substance classified as PBT or vPvB.

Section 3: Composition/information on ingredients

3.2. Mixtures - The Full Text for all R-Phrases and Hazard Statements are displayed in Section 16

Rape oil, oxidized CAS #: 95193-59-2	EC #: 305-871-3	REACH Registration #: 012119491309-30-xxxx	30-60%
Classification: Not Classified			
Fatty acids, C16-18 & C18-unsatd., Me esters CAS #: 67762-38-3	EC #: 267-015-4	REACH Registration #: 012119471664-32-0125	10-30%
Classification: Not Classified			

Section 4: First aid measures

4.1. Description of first aid measures

General Information:	If in doubt, get medical attention promptly. Show this Safety Data sheet to the medical personnel.
Inhalation:	No specific recommendations. If throat irritation or coughing persists, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if any discomfort continues.
Ingestion:	No specific recommendations. If throat irritation or coughing persists, proceed as follows. Rinse mouth. Get medical attention if any discomfort continues.
Skin Contact:	No specific recommendations. Rinse with water. Get medical attention if any discomfort continues.
Eye Contact:	Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical attention if any discomfort continues.
Protection of first aiders:	Use protective equipment appropriate for surrounding materials.

4.2. Most important symptoms and effects, both acute and delayed

General Information:	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation:	No specific symptoms known.
Ingestion:	No specific symptoms known. May cause discomfort if swallowed.
Skin Contact:	Prolonged contact may cause dryness of the skin.
Eye Contact:	No specific symptoms known. May be slightly irritating to eyes.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor:	Treat symptomatically.
Specific treatments:	No special treatment required.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Suitable Extinguishing media:	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable Extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards:	None known.
Hazardous combustion products:	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

5.3. Advice for fire-fighters

Protective actions during firefighting:	Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.
Special protective equipment for firefighters:	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: No specific recommendations. For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions: Avoid discharge into drains, watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Reuse or recycle products wherever possible. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national regulations.

6.4. Reference to other sections

Reference to other sections: For personal protection, see Section 8. For waste disposal, see Section 13.

Section 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions: Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use.

Advice in general: Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash occupational hygiene contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions: Store away from incompatible materials (see Section 10). No specific recommendations.
Storage class: Unspecified storage.

7.3. Specific end use(s)

Specific end use(s): The identified uses for this product are detailed in Section 1.2.

Section 8: Exposure controls/personal protection

8.1. Control parameters

DNEL	Rape oil, oxidized (CAS: 95193-59-2) Workers - Inhalation; Long term systemic effects: 49 mg/m ³ Workers - Dermal; Long term systemic effects: 69.4 mg/kg/day
PNEC	- STP; 10 mg/l Fatty acids, C16-18 and C18-unsatd., Me esters (CAS: 67762-38-3)
DNEL	Workers - Dermal; Long term systemic effects: 10 mg/kg/day Workers - Inhalation; Long term systemic effects: 6.96 mg/m ³
PNEC	- Fresh water; 2.504 mg/l - Marine water; 0.2504 mg/l - Intermittent release; 25.04 mg/l - STP; 520 mg/l

8.2. Exposure controls

Engineering controls:	No specific ventilation requirements.
Eye/face protection:	No specific eye protection required during normal use. Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
Hand protection:	No specific hand protection recommended. Large Spillages: Wear protective gloves.
Hygiene measures:	Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.
Respiratory protection:	No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.
Environmental exposure controls:	Not regarded as dangerous for the environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Paste
Colour:	Amber
Odour:	Characteristic odour
Solubility in water:	Insoluble
Flash point °C / °F:	>200°C / >392°F Cleveland open cup

9.2. Other information

Other information:	No data available.
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Section 10: Stability and reactivity

10.1. Reactivity

Reactivity:	See the other subsections of this section for further details.
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10.2. Chemical stability

Chemical stability:	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
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10.3. Possibility of hazardous reactions

Hazardous reactions:	No potentially hazardous reactions known.
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10.4. Conditions to avoid

Conditions to avoid:	There are no known conditions that are likely to result in a hazardous situation.
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10.5. Incompatible materials

Materials to avoid:	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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10.6. Hazardous decomposition products

Haz. decomp. products:	Does not decompose when used and stored as recommended. Thermal decomposition or products combustion products may include the following substances: Harmful gases or vapours.
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Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	Not regarded as a health hazard under current legislation.
Acute toxicity - oral Notes (oral LD ₅₀)	Based on available data the classification criteria are not met.
Acute toxicity - dermal Note (dermal LD ₅₀)	Based on available data the classification criteria are not met.
Acute toxicity - inhalation Note (inhalation LC ₅₀)	Based on available data the classification criteria are not met.
Skin corrosion / irritation Animal data	Based on available data the classification criteria are not met.
Serious eye damage / irritation	Based on available data the classification criteria are not met.
Respiratory sensitisation	Based on available data the classification criteria are not met.
Skin sensitisation	Based on available data the classification criteria are not met.
Germ cell mutagenicity Genotoxicity - in vitro	Based on available data the classification criteria are not met.
Carcinogenicity IARC Carcinogenicity	Based on available data the classification criteria are not met. None of the ingredients are listed or exempt.
Reproductive toxicity Fertility Development	Based on available data the classification criteria are not met. Based on available data the classification criteria are not met.
Specific target organ toxicity - single exposure STOT - Single exposure	Not classified as a specific target organ toxicant after a single exposure.
Specific target organ toxicity - repeated exposure STOT - Repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
Aspiration hazard	Not relevant. Solid.
General Information	No specific health hazards known. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	No specific symptoms known
Ingestion	No specific symptoms known. May cause discomfort if swallowed.
Skin contact	Prolonged contact may cause dryness of the skin.
Eye contact	No specific symptoms known. May be slightly irritating to eyes.
Route of exposure	Ingestion Inhalation Skin and/or eye contact
Target organs	No specific target organs known.

Section 12: Ecological information

EcoToxicity	Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.
12.1. Toxicity	Based on available data the classification criteria are not met.
12.2. Persistence and degradability	The degradability of the product is not known.
12.3. Bioaccumulative potential	No data available on bioaccumulation.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	None known.
12.6. Other adverse effects	None known.

Section 13: Disposal considerations

13.1. Waste treatment methods

General information:

The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way.

Disposal methods:

Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.

Section 14: Transport information

14.1. UN number	Not applicable
14.2. UN proper shipping name	Not applicable
14.3. Transport hazard class(es)	No transport warning sign required
14.4. Packing group	Not applicable
14.5. Environmental hazards Environmentally hazardous substance/marine pollutant	No
14.6. Special precautions for user	Not applicable
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code	Not applicable

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations:	Health and Safety at Work etc. Act 1974 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits.
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Regulation (EU) No 2015/830 of 28 May 2015. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS
None of the ingredients are listed or exempt

Section 16: Other information

Abbreviations and acronyms used in the safety data sheet

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADN:	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
RID:	European Agreement concerning the International Carriage of Dangerous Goods by Rail.
IATA:	International Air Transport Association.
ICAO:	Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IMDG:	International Maritime Dangerous Goods.
CAS:	Chemical Abstracts Service.
ATE:	Acute Toxicity Estimate.
LC₅₀:	Lethal Concentration to 50 % of a test population.
LD₅₀:	Lethal Dose to 50% of a test population (Median Lethal Dose).
EC₅₀:	50% of maximal Effective Concentration.
PBT:	Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.

Training advice	Only trained personnel should use this material.
Revision date	10/08/2021
Revision	4
Supersedes date	29/11/2017
SDS number	5480

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