


Safety Data Sheet

Date of Revise: 2019.06.24

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

1.1. Product identifier	
Product Name	B Oil Multi-purpose Food Grade Lubricating Oil 15ml
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Intended use	See Technical Data Sheet.
1.3. Details of the supplier of the safety data sheet	
Company Name	<u>BARNEL® INTERNATIONAL, INC.</u> 15220 NW LAIDLAW RD., SUITE 200, PORTLAND, OREGON 97229-7718, USA TEL: +1 (503) 291-1400
1.4. Emergency telephone number	
Emergency number	+1 (503) 291-1400

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
Classification according to Regulation (EC) No. 1272/2008 [CLP]:	
Aspiration hazard, Category 1	H304 May be fatal if swallowed and enters airways
Adverse physicochemical, human health and environmental effects:	
No additional information available.	
2.2. Label elements	
Labelling according to Regulation (EC) No. 1272/2008 [CLP]:	
Hazard pictograms (CLP)	 GHS08
Signal word (CLP)	Danger
Hazard statements (CLP)	H304 - May be fatal if swallowed and enters airways
Precautionary statements (CLP)	P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor P331 - Do NOT induce vomiting P405 - Store locked up P501 - Dispose of contents/container to an authorized waste collection point
2.3. Other hazards	
No additional information available.	

SECTION 3: Composition/information on ingredients

3.1. Substance		
<u>NAME</u>	<u>Product Identifier</u>	<u>PERCENTAGE</u>
White Mineral oil (Medical)	(CAS No) 8042-47-5 (EC No) 232-455-8	100%

3.2. Mixture

Not applicable.

SECTION 4: First aid measures**4.1. Description of first aid measures**

General	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
Inhalation	Allow breathing of fresh air. Allow the victim to rest.
Skin contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse
Eye contact	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
Ingestion	Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician

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

Symptoms/injuries after ingestion May be fatal if swallowed and enters airways.

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

No additional information available

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available.

5.3. Advice for firefighters

Firefighting instructions	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
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6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Precautions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Keep only in the original container in a cool, well ventilated place away from: Keep container closed when not in use.
Incompatible products	Strong bases. Strong acids.
Incompatible materials	Sources of ignition. Direct sunlight.
7.3. Specific end use(s)	
No additional information available.	

SECTION 8: Exposure controls/personal protection

8.1. Control parameters	
No additional information available.	
8.2. Exposure controls	
Personal protective equipment	Avoid all unnecessary exposure.
Hand protection	Wear protective gloves.
Eye protection	Chemical goggles or safety glasses.
Respiratory protection	Wear respiratory protection.
Other information	Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties	
Physical State	Liquid
Color	Colorless
Odor	Characteristic
Odor threshold	No data available
pH	No data available
Boiling Point	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point	No data available
Freezing point	No data available
Flash Point	190°C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Relative vapour density at 20°C	No data available
Relative density	No data available
Density	0,84 g/cm ³
Solubility	No data available
Log Pow	No data available
Viscosity, kinematic	16 cSt °C
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available
9.2. Other information	
No additional information available.	

SECTION 10: Stability and reactivity

10.1. Reactivity	
No additional information available	

10.2. Chemical stability
Not established.
10.3. Possibility of hazardous reactions
Not established.
10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures.
10.5. Incompatible materials
Strong acids. Strong bases.
10.6. Hazardous decomposition products
Fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects	
Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Additional information	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Not classified
Additional information	Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	Not classified
Additional information	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Not classified
Additional information	Based on available data, the classification criteria are not met
Carcinogenicity	Not classified
Additional information	Based on available data, the classification criteria are not met
Reproductive toxicity	Not classified
Additional information	Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	Not classified
Additional information	Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	Not classified
Additional information	Based on available data, the classification criteria are not met
Aspiration hazard	May be fatal if swallowed and enters airways.
Viscosity, kinematic	16 mm ² /s °C
Potential adverse human health effects and symptoms	Based on available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity	
No additional information available.	
12.2. Persistence and degradability	
Not established.	
12.3. Bioaccumulative potential	
Not established.	
12.4. Mobility in soil	
No additional information available.	
12.5. Results of PBT and vPvB assessment	
No additional information available.	
12.6. Other adverse effects	
Additional information: Avoid release to the environment.	

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

ADR	Not applicable
IMDG	Not applicable
IATA	Not applicable
ADN	Not applicable
RID	Not applicable

14.2. UN proper shipping name

ADR	Not applicable
IMDG	Not applicable
IATA	Not applicable
ADN	Not applicable
RID	Not applicable

14.3. Transport hazard class(es)

ADR	Not applicable
IMDG	Not applicable
IATA	Not applicable
AND	Not applicable
RID	Not applicable

14.4. Packing group

ADR	Not applicable
IMDG	Not applicable
IATA	Not applicable
ADN	Not applicable
RID	Not applicable

14.5. Environmental hazards

Dangerous for the environment	No
Marine pollutant	No
Other information	No supplementary information available.

14.6. Special precautions for user

No further information.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

EU-Regulations: The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3.b. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development,	B-oil Multi-purpose Food Grade Lubricating Oil 15ml - White Mineral oil (Medical)
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3.8 effects other than narcotic effects, 3.9 and 3.10	
B-oil Multi-purpose Food Grade Lubricating Oil 15ml is not on the REACH Candidate List B-oil Multi-purpose Food Grade Lubricating Oil 15ml is not on the REACH Annex XIV List	
National regulations: no additional information available.	
15.2. Chemical safety assessment	
No chemical safety assessment has been carried out.	

SECTION 16 – OTHER INFORMATION

Data sources: 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information: None.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.