


Safety Data Sheet

Date of Revise: 2022.04.20

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

1.1. Product identifier	
Product Name	B-Clean Food Grade Cleaner 45ml
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Intended use	A solvent-based cleaner featuring effective detergency of oils, greases and other contaminants.
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]Mixtures: Asp. Tox. 1 H304- May be fatal if swallowed and enters airways. Adverse physicochemical, human health and environmental effects: May be fatal if swallowed and enters airways.	
2.2. Label elements	
Hazard pictograms (CLP)	
Signal word (CLP)	Danger
Hazard statements	H304 - May be fatal if swallowed and enters airways.
Precautionary statements	P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.
2.3. Other hazards	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	

SECTION 3: Composition/information on ingredients

3.1. Substance		
Not applicable		
3.2. Mixtures		
NAME	PERCENTAGE	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C10-C13, n-alkanes, <2% aromatics (CAS-No.) 64771-72-8 (EC-No.) 929-018-5 (REACH-no) 01-2119475608-26-0002	≥ 50	Asp. Tox. 1, H304

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Call a physician immediately.
Inhalation	Remove person to fresh air and keep comfortable for breathing.
Skin contact	Wash skin with plenty of water.
Eye contact	Rinse eyes with water as a precaution.
Ingestion	Do not induce vomiting. Call a physician immediately. Immediately call a POISON CENTER/doctor.

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

Symptoms/effects after ingestion	Risk of lung edema. May be fatal if swallowed and enters airways.
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4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide.
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5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	Toxic fumes may be released.
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5.3. Advice for firefighters

Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Take up liquid spill into absorbent material.

Other information: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store locked up. Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters	
8.1.1 National occupational exposure and biological limit values	
No additional information available.	
8.1.2. Recommended monitoring procedures	
No additional information available.	
8.1.3. Air contaminants formed	
No additional information available.	
8.1.4. DNEL and PNEC	
No additional information available.	
8.1.5. Control banding	
No additional information available.	
8.2. Exposure controls	
Eye/face protection	Use eye protection according to EN 166, designed to protect against liquid splashes. Chemical goggles or face shield.
Skin protection	Wear suitable protective clothing
Hand protection	Chemical resistant gloves (according to European standard NF EN 374 or equivalent).
Respiratory protection	No personal breathing protective equipment is normally required.
Thermal hazards	No additional information available.
Environmental exposure controls	Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties	
Physical state	Liquid
Color	Colorless
Odor	Not available
Odor threshold	Not available
Melting point	Not applicable
Freezing point	Not available
Boiling point	Not available
Flammability	Not applicable
Explosive limits	Not available
Lower explosive limit (LEL)	Not available
Upper explosive limit (UEL)	Not available
Flash point	74 °C
Auto-ignition temperature	Not available
Decomposition temperature	Not available
pH	Not available
Viscosity, kinematic	1,5 mm ² /s
Solubility	Not available
Partition coefficient n-octanol/water (Log Kow)	Not available
Vapor pressure	Not available
Vapor pressure at 50 °C	Not available
Density	0,77 g/cm ³
Relative density	Not available
Relative vapor density at 20 °C	Not available
Particle size	Not applicable
Particle size distribution	Not applicable
Particle shape	Not applicable
Particle aspect ratio	Not applicable

Particle aggregation state	Not applicable
Particle agglomeration state	Not applicable
Particle specific surface area	Not applicable
Particle dustiness	Not applicable
9.2. Other information	
9.2.1. Information with regard to physical hazard classes	
No additional information available.	
9.2.2. Other safety characteristics	
No additional information available.	

SECTION 10: Stability and reactivity

10.1. Reactivity	
The product is non-reactive under normal conditions of use, storage and transport.	
10.2. Chemical stability	
Stable under normal conditions.	
10.3. Possibility of hazardous reactions	
No dangerous reactions known under normal conditions of use.	
10.4. Conditions to avoid	
None under recommended storage and handling conditions (see section 7).	
10.5. Incompatible materials	
No additional information available.	
10.6. Hazardous decomposition products	
Under normal conditions of storage and use, hazardous decomposition products should not be produced.	

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008	
Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	May be fatal if swallowed and enters airways.
11.2. Information on other hazards	
No additional information available.	

SECTION 12: Ecological information

12.1. Toxicity	
Ecology - general	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Not classified
12.2. Persistence and degradability	

No additional information available.
12.3. Bioaccumulative potential
No additional information available.
12.4. Mobility in soil
No additional information available.
12.5. Results of PBT and vPvB assessment
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
12.6. Endocrine disrupting properties
No additional information available.
12.7 Other adverse effects
No additional information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods	
Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Ecology - waste materials	Hazardous waste due to toxicity.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN	
14.1. UN number or ID number	
ADR	Not regulated.
IMDG	Not regulated.
IATA	Not regulated.
ADN	Not regulated.
RID	Not regulated.
14.2. UN proper shipping name	
ADR	Not regulated.
IMDG	Not regulated.
IATA	Not regulated.
ADN	Not regulated.
RID	Not regulated.
14.3. Transport hazard class(es)	
ADR	Not regulated.
IMDG	Not regulated.
IATA	Not regulated.
AND	Not regulated.
RID	Not regulated.
14.4. Packing group	
ADR	Not regulated.
IMDG	Not regulated.
IATA	Not regulated.
ADN	Not regulated.
RID	Not regulated.
14.5. Environmental hazards	
Dangerous for the environment	No
Marine pollutant	No
Other information	No supplementary information available.

14.6. Special precautions for user	
Overland transport	Not regulated
Transport by sea	Not regulated
Air transport	Not regulated
Inland waterway transport	Not regulated
Rail transport	Not regulated
14.7. Maritime transport in bulk according to IMO instruments	
Not applicable	

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
<p>15.1.1 EU-Regulations</p> <p>Contains no substance on the REACH candidate list. Contains no REACH Annex XIV substances. Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals. Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.</p> <p>15.1.2. National regulations</p> <p>No additional information available</p>
15.2. Chemical safety assessment
A chemical safety assessment has been carried out.

SECTION 16 – OTHER INFORMATION

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.