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Safety Data Sheet
acc. to OSHA HCS

1 Identification

Product identifier

Trade names: Parker & Bailey BBQ Grill Cleaner & Degreaser

Application of the substance / the mixture
Consumer use.
Multi-surface cleaner
Degreaser

Details of the supplier of the safety data sheet

Manufacturer/Supplier:
Shepherd Hardware Products LLC
6961 US Highway 12, Three Oaks, MI 49128
Business Phone: + 1-800-645-8990
Business Hours: 8am-5pm EST Monday-Friday

Information department: www.shepherdhardware.com
Emergency telephone number: +1-800-645-8990 (Business Hours: 8am-5pm EST Monday-Friday)
Information for domestic suppliers
This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is greater potential for large-scale or prolonged exposure, in accordance with the requirements of workplace occupational health and safety regulations.
This SDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulations.

2 Hazard(s) identification

Classification of the substance or mixture

Eye Irritation 2B H320 Causes eye irritation.

Label elements

GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
Hazard pictograms None
Signal word Warning
Hazard statements
Causes eye irritation.
Precautionary statements
Read label before use. Keep out of reach of children. If medical advice is needed,
have product container or label at hand.
Wash thoroughly after handling.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Other hazards

Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

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Hazardous components:
None

111-90-0	Diethylene glycol monoethyl ether	1-3%
1310-58-3	potassium hydroxide	0.1-1.0%

Additional information:
The exact percentage concentration of composition has been withheld as a trade secret or is disclosed as a range due to batch variation.
Non-hazardous components are listed above due to the existence of country-specific occupational exposure level (OEL) values (see Section 8) or are being voluntarily disclosed.

4 First-aid measures

Description of first aid measures
After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Wash skin with plenty of soap and water.
After eye contact:
Remove contact lenses, if present and easy to do. Continue rinsing.
Rinse cautiously with water for several minutes.
If eye irritation persists: Get medical advice/attention.
After swallowing:
Call a poison control center or doctor immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
Information for doctor:
Most important symptoms and effects, both acute and delayed May cause irritation with redness and tearing of eyes.
Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

Extinguishing media
Suitable extinguishing agents:
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special hazards arising from the substance or mixture
Irritating and toxic fumes may be produced at high temperature. Use of water may result in the formation of a toxic aqueous solution. Do not allow run-off from fire fighting to enter drains or water courses.
Advice for firefighters
Protective equipment:
Normal firefighting procedures should be followed to avoid inhalation of smoke and gases produced by fire.
Fire-fighters should wear appropiate protective equipment and a self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Additional information
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures
Use personal protective equipment as required.
Environmental precautions:
Avoid dispersal of spilled material and runoff to reach soil, waterways, drains, and sewers.

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US

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Methods and material for containment and cleaning up:
Small spills: Wipe up any excess with cloth, sponge, or mop. Rinse surface with water. Allow surfaces to completely dry before use.
For larger spills, contain spillage using noncombustible absorbent material. Place waste product in containers for disposal according to applicable regulations. Do not vacuum.

Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

Handling:
Precautions for safe handling
To prevent skin and eye contact under the foreseeable conditions of use, wear appropriate protective clothing and safety eyewear. Wash thoroughly after handling.
Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles: Keep packaging tightly sealed until ready for use.
Information about storage in one common storage facility:
Keep away from incompatible materials. Protect containers from physical damage.
Further information about storage conditions: None.
Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems:
Technical measures and the application of adequate working methods take priority over the use of personal protection equipment. Use process enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Control parameters:
Components with limit values that require monitoring at the workplace:
The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
At this time, the remaining constituent(s) has no known exposure limits.

111-90-0 Diethylene glycol monoethyl ether	
WEEL	Long-term value: 25 ppm

Additional information:
Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Monitoring of substance concentrations in air at the workplace may be necessary to ensure compliance with official exposure limit values and adequacy of exposure controls. For further information contact the supplier or the competent authorities.
The lists that were valid during the creation were used as basis.

Exposure controls
Personal protective equipment:
General protective and hygienic measures:
Clean skin thoroughly immediately after handling the product.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.

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Breathing equipment:
Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process.
Protection of hands: Wear protective gloves as appropriate.
Material of gloves Chemical-resistant, impervious gloves complying with an approved standard should be worn.
Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection:
Safety glasses or goggles complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Tightly sealed goggles

Body protection: Appropriate work clothing is recommended.

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information
Appearance:

Form:	Liquid
Color:	Clear to hazy
Odor:	Citrus
Odor threshold:	Not determined.
pH-value at 20 °C (68 °F):	9–11
Change in condition	
Melting point/Melting range:	0 °C (32 °F)
Boiling point/Boiling range:	100 °C (212 °F)
Flash point:	>93.3℃ (200℉)
Flammability:	Product is not flammable.
Decomposition temperature:	Not determined.
Ignition temperature:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure at 20 °C (68 °F):	23 hPa (17.3 mm Hg)
Density at 20 °C (68 °F):	1 g/cm³ (8.345 lbs/gal)
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Not determined.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.

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Kinematic: Not determined.

Other information No further relevant information available.

10 Stability and reactivity

Reactivity No specific test data related to reactivity available for this product or its ingredients.
Chemical stability Stable under normal conditions.
Possibility of hazardous reactions Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid Avoid contact with incompatible materials.
Incompatible materials: Strong oxidizing material.
Hazardous decomposition products:
Under normal conditions of storage and use, hazardous decomposition products should not occur.

11 Toxicological information

Information on toxicological effects

Acute toxicity: Based on available data, components are not acutely toxic.
Primary irritant effect:
on the skin: Based on available data, the classification criteria are not met.
on the eye: Irritating effect.
Sensitization: Based on available data, the classification criteria are not met.
Additional toxicological information:
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

Carcinogenic categories

IARC (International Agency for Research on Cancer)
None of the ingredients are listed.

NTP (National Toxicology Program)
None of the ingredients are listed.

OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients are listed.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
Germ cell mutagenicity Based on available data, the classification criteria are not met.
Carcinogenicity Based on available data, the classification criteria are not met.
Reproductive toxicity Based on available data, the classification criteria are not met.
Specific target organ toxicity - single exposure Based on available data, the classification criteria are not met.
Specific target organ toxicity - repeated exposure Based on available data, the classification criteria are not met.
Aspiration hazard Based on available data, the classification criteria are not met.

12 Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.
Persistence and degradability No further relevant information available.
Behavior in environmental systems:
Bioaccumulative potential No further relevant information available.
Mobility in soil No further relevant information available.
Additional ecological information:
General notes:
Water hazard class 2 (Self-assessment): hazardous for water

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Do not allow product to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods

Recommendation: Dispose of contents/container in accordance with local/regional/national/international regulations.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

UN-Number	
DOT, IMDG, IATA	not regulated
UN proper shipping name	
DOT, IMDG, IATA	not regulated
Transport hazard class(es)	
DOT, ADN, IMDG, IATA	
Class	not regulated
Packing group	
DOT, IMDG, IATA	not regulated
Environmental hazards:	Not applicable.
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
UN "Model Regulation":	not regulated

15 Regulatory information

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

Sara

Section 355 (extremely hazardous substances):

None of the ingredients are listed.

Section 313 (Specific toxic chemical listings):

111-90-0	Diethylene glycol monoethyl ether

TSCA (Toxic Substances Control Act):

All ingredients are listed or exempt.

Hazardous Air Pollutants

Either ingredients are not listed or below threshold for disclosure.

16 Other information

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Shepherd Hardware Products LLC and it's affiliates assumes no responsibility for injury to vendee or third party

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person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Shepherd Hardware Products LLC and it's affiliates assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

Department issuing SDS: EHS Department
Contact: James Byers
Date of preparation / last revision 12/18/2024 / -
Abbreviations and acronyms:
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Eye Irritation 2B: Serious eye damage/eye irritation – Category 2B