

SAFETY DATA SHEET**Durable PC Cleaning Kit Superclean Foam 150 ml**

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 19.02.2019

1.1. Product identifier

Product name Foam Cleaner

Article no. L10099000023

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

Product group Aerosols

Relevant identified uses
SU21 Consumer uses: Private households (= general public = consumers)
SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)
PC35 Washing and cleaning products (including solvent based products)
PROC11 Non-industrial spraying
ERC8A Wide dispersive indoor use of processing aids in open systems
ERC8D Wide dispersive outdoor use of processing aids in open systems

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet**Distributor**

Company name DURABLE Hunke & Jochheim GmbH

Postal address & Co. KG Westfalenstrasse 77-79

Postcode D-58636

City Iserlohn

Country Germany

Telephone number +49 (0) 2371 / 662 - 0

Fax +49 (0) 2371 / 662 - 221

Email durable@durable.de

Website <http://www.durable.de>

Enterprise No.

1.4. Emergency telephone number

Emergency telephone	+49 (0) 2371 / 662 - 0 only to office hours
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SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Aerosol 1; H222 Aerosol 1; H229
Substance / mixture hazardous properties	Pressurized container: Do not pierce or burn, even after use. Do not expose to temperatures exceeding 50 °C/122 °F.

2.2. Label elements

Hazard pictograms (CLP)



Composition on the label	Butane (< 0,1% butadiene)
Signal word	Danger
Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P410+P412 Protect from sunlight. Do no expose to temperatures exceeding 50 °C / 122°F.

2.3. Other hazards

Hazard description, general	Aerosol containers can explode when heated, due to excessive pressure build-up.
Health effect	In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
Environmental effects	This product does not contain any PBT or vPvB substances.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Butane (< 0,1% butadiene)	CAS No.: 106-97-8 EC No.: 203-448-7 REACH Reg. No.: 01-2119474691-32-xxxx	Flam. Gas 1; H220 Press. Gas (Comp.) ; H280	2,5 - 10 %

Substance comments

The full text for all hazard statements is displayed in section 16.
 Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents:
 <5%: nonionic surfactant ,
 5-15%: alifatic hydrocarbons .
 perfume

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Remove victim immediately from source of exposure.
Inhalation	Move the exposed person to fresh air at once. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
Eye contact	Immediately flush with plenty of water or eyewash solution for up to 10 minutes.
Ingestion	Rinse mouth with water. Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Do not induce vomiting. Consult a physician for specific advice.
Recommended personal protective equipment for first aid responders	Wear necessary protective equipment. For personal protection, see section 8.

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

Acute symptoms and effects	No specific symptoms noted.
Delayed symptoms and effects	Inhalation of high vapour concentrations may cause symptoms such as mild irritation, headache, dizziness, fatigue, nausea and in serious cases unconsciousness.

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

Other information	If unconscious: Call an ambulance/physician immediately. Show this Safety Data Sheet.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Improper extinguishing media	Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Aerosol containers can explode when heated, due to excessive pressure build-up. Gases that are dangerous to health may be formed in a fire: carbon monoxide (CO) , carbon dioxide (CO ₂) .
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5.3. Advice for firefighters

Personal protective equipment	Wear personal protective equipment, see section 8. Avoid breathing of combustion gases. Wear self contained breathing apparatus during fire fighting.
Fire fighting procedures	Containers close to fire should be removed immediately or cooled with water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	For personal protection, see section 8. Do not smoke or use open fire, or other sources of ignition.
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6.2. Environmental precautions

Environmental precautionary measures	Contain spillages with sand, earth or any suitable adsorbent material. Provide ventilation and confine spill. Do not allow runoff to sewer. Do not let washing down water contaminate ponds or waterways. Contact local authorities in case of spillage to drain/aquatic environment.
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6.3. Methods and material for containment and cleaning up

Clean up	Clean contaminated area with oil-removing material.
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6.4. Reference to other sections

Other instructions	See section 8 and section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Avoid contact with skin and eyes. Avoid inhalation of vapours and spray mists. Keep away from heat, sparks and open flame. Provide good ventilation. Mechanical ventilation or local exhaust ventilation may be required. Risk of vapour concentration on the floor and in low-lying areas. Take precautionary measures against static discharges. When using do not eat, drink or smoke. Wash hands before breaks and before smoking, eating or drinking.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Always store proper, out of the reach of children and not together with food, feed, medicine and the like. Store at moderate temperatures in dry, well ventilated area.
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7.3. Specific end use(s)

Specific use(s)	The identified uses for this product are detailed in Section 1.2.
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Value	TWA Year
Butane (< 0,1% butadiene)	CAS No.: 106-97-8	TWA (8h) : 1200 mg/m ³	TWA Year: 2007

TWA (8h) : 500 ppm

DNEL / PNEC

Summary of risk management measures, human	Data lacking.
Summary of risk management measures, environment	Data lacking.

8.2. Exposure controls**Safety signs****Precautionary measures to prevent exposure**

Technical measures to prevent exposure	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
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Eye / face protection

Suitable eye protection	Eye protection is not required under normal conditions.
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Hand protection

Skin- / hand protection, long term contact	Hand protection is not required for normal use.
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Skin protection

Additional skin protection measures	No special precautions.
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Respiratory protection

Respiratory protection necessary at	If ventilation is insufficient, use a respirator with type AX (EN 371) gas filter.
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Thermal hazards

Thermal hazards	See section 5.
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Appropriate environmental exposure control

Environmental exposure controls	See section 6.
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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	Aerosol.
Colour	Colourless.

Odour	Almost odourless.
Odour limit	Comments: Not relevant.
pH	Status: In delivery state Comments: Not relevant. Status: In aqueous solution Comments: Not relevant.
Melting point / melting range	Comments: Not relevant.
Boiling point / boiling range	Value: 100 °C
Flash point	Comments: Not relevant.
Evaporation rate	Comments: Not relevant.
Flammability (solid, gas)	Not relevant.
Explosion limit	Comments: Not determined.
Vapour pressure	Comments: Not relevant.
Vapour density	Comments: Not relevant.
Specific gravity	Comments: Not relevant.
Bulk density	Comments: Not relevant.
Solubility	Comments: Completely soluble in water.
Partition coefficient: n-octanol/ water	Comments: Not relevant.
Spontaneous combustability	Comments: Not relevant.
Decomposition temperature	Comments: Not relevant.
Viscosity	Comments: Not relevant.
Explosive properties	Not explosive.
Oxidising properties	Does not meet the criteria for oxidising.

9.2. Other information

Other physical and chemical properties

Comments	No information.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No specific reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	See section 10.4 and section 10.5.
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10.4. Conditions to avoid

Conditions to avoid

Avoid exposing aerosol containers to high temperatures or direct sunlight. Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid

No data recorded.

10.6. Hazardous decomposition products

Hazardous decomposition products

Gases that are dangerous to health may be formed in a fire: carbon dioxide (CO₂), carbon monoxide (CO).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance

Butane (< 0,1% butadiene)

Acute toxicity

Type of toxicity: Acute
Effect tested: LC50
Route of exposure: Inhalation.
Value: > 20 mg/l

Other toxicological data

Toxicological tests on the product has not been performed.

Other information regarding health hazards

Assessment of acute toxicity, classification

No evidence for acute toxicity.

Inhalation

Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.

Skin contact

Skin irritation is not anticipated when used normally.

Eye contact

May cause temporary eye irritation.

Ingestion

May cause discomfort if swallowed.

Sensitisation

No evidence for respiratory nor skin sensitization.

Mutagenicity

No evidence for germ cell mutagenicity.

Carcinogenicity, other information

No evidence for carcinogenicity.

Reproductive toxicity

No evidence for reproductive toxicity.

Assessment of specific target organ SE, classification

No evidence for STOT-single exposure.

Assessment of specific target organ toxicity RE, classification

No evidence for STOT-repeated exposure.

Assessment of aspiration hazard, classification

No evidence for aspiration hazard.

Symptoms of exposure

Symptoms of overexposure

No specific symptoms noted.

SECTION 12: Ecological information

12.1. Toxicity

Substance Butane (< 0,1% butadiene)

Acute aquatic, fish

Value: 24,11 mg/l
Test duration: 96h
Species: -
Method: LC50

Substance

Butane (< 0,1% butadiene)

Acute aquatic, Daphnia

Value: 14,22 mg/l
Test duration: 48h
Species: Daphnia Magna
Method: EC50

Ecotoxicity

Not classified as dangerous to the environment.

Aquatic, comments

No data available for the product.

12.2. Persistence and degradability

Persistence and degradability, comments

The product is readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility

No data recorded.

12.5. Results of PBT and vPvB assessment

PBT assessment results

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Environmental details, summation

For this product no classification is required for environmental hazards.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal

Do not dispose of residues and waste down the drains. Dispose of waste and residues in accordance with local authority requirements.

EWC waste code

EWC waste code: 150110 packaging containing residues of or contaminated by dangerous substances
 Classified as hazardous waste: Yes

EWL packing

EWC waste code: 150110 packaging containing residues of or contaminated by dangerous substances
 Classified as hazardous waste: Yes

Other information

Waste code applies to product remnants in pure form. When handling waste, consideration should be made to the safety precautions applying to handling of the product.

SECTION 14: Transport information

14.1. UN number

ADR / RID / ADN	1950
IMDG	1950
ICAO / IATA	1950

14.2. UN proper shipping name

Proper shipping name english ADR / RID / ADN	AEROSOLS
ADR / RID / ADN	AEROSOLS
IMDG	AEROSOLS
ICAO / IATA	AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es)

ADR / RID / ADN	2.1
Classification code ADR / RID / ADN	5F
IMDG	2.1
ICAO / IATA	2.1

14.4. Packing group

Comments	Not relevant.
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14.5. Environmental hazards

IMDG Marine pollutant	No
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14.6. Special precautions for user

Special safety precautions for user	None.
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Product name	AEROSOLS, FLAMMABLE
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Additional information

ADR / RID / ADN hazard label	2.1
IMDG Hazard label	2.1
ICAO / IATA Hazard label	2.1

ADR / RID - Other information

Tunnel restriction code	D
Transport category	2

ADN - Other information

Special provisions	Not relevant.
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IMDG / ICAO / IATA Other information

EmS	F-D, S-U
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SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture**

Other label information	As a general rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.
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Legislation and regulations	<p>The Aerosol Dispensers Regulations 2009 (SI 2824), with amendments. EH40/2005, Workplace exposure limits 2005, with amendments. The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895). 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.</p> <p>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.</p> <p>REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents.</p>
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15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	<p>H220 Extremely flammable gas.</p> <p>H222 Extremely flammable aerosol.</p> <p>H229 Pressurised container: May burst if heated.</p> <p>H280 Contains gas under pressure; may explode if heated.</p>
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Training advice	No particular training or education is required but the user must be familiar with this SDS. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.
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Information added, deleted or revised

New safety data sheet.

Version

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Prepared by

MP