



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 30/5/2017
Version: 2
Language: en-GB,IE
Date of print: 13/12/2017

Daily System Clean

Material number 186013

Page: 1 of 9

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

1.1 Product identifier

Trade name: Daily System Clean
This safety data sheet pertains to the following products:
848 000 060 Daily System Clean

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

General use: Cleaning agent.
Only for industrial users.

1.3 Details of the supplier of the safety data sheet

Company name: Bio-Rad Medical Diagnostics GmbH
Street/POB-No.: Industriestr. 1
Postal Code, city: 63303 Dreieich
Germany
WWW: www.medizinische-diagnostik-dreieich.de
E-mail: contact.bmd@bio-rad.com
Telephone: +49 (0)6103-3130-0
Telefax: +49 (0)6103-3130-646
Dept. responsible for information:
Produktmanagement Transfusion
Telephone: 06103 3130-611
Telefax: 06103 3130-724

1.4 Emergency telephone number

GIZ-Nord, Göttingen, Germany,
Telephone: +49 551-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Skin Corr. 1B; H314 Causes severe skin burns and eye damage.

2.2 Label elements

Labelling (CLP)



Signal word: **Danger**

Hazard statements: H314 Causes severe skin burns and eye damage.



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 30/5/2017
Version: 2
Language: en-GB,IE
Date of print: 13/12/2017

Daily System Clean

Material number 186013

Page: 2 of 9

Precautionary statements:

- P260 Do not breathe dusts or mists.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
P501 Dispose of contents/container to hazardous or special waste collection point.

Special labelling

Text for labelling: Contains Didecyltrimethylammonium chloride.

2.3 Other hazards

May be corrosive to metals.

Results of PBT and vPvB assessment:

No data available

SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation: Aqueous solution

Hazardous ingredients:

Ingredient	Designation	Content	Classification
EC No. 201-069-1 CAS 77-92-9	Citric acid, anhydrous	25 - 50 %	Eye Irrit. 2; H319.
EC No. 230-525-2 CAS 7173-51-5	Didecyltrimethylammonium chloride	2.5 - 10 %	Acute Tox. 4; H302. Skin Corr. 1B; H314.
EC No. - CAS 69011-79-6	Oxoalcohol, ethoxylated	< 2.5 %	Skin Irrit. 2; H315. Eye Irrit. 2; H319.

Full text of H- and EUH-statements: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General information: First aider: Pay attention to self-protection! If victim is at risk of losing consciousness, position and transport on their side.
- In case of inhalation: Move victim to fresh air; if necessary, provide artificial respiration or oxygen. Immediately get medical attention.
- Following skin contact: After contact with skin, wash immediately with plenty of water. Immediately get medical attention. Take off contaminated clothing and wash it before reuse.
- After eye contact: With eyelids open, wash out eyes for several minutes under flowing water. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently seek the immediate attention of an ophthalmologist.



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 30/5/2017
Version: 2
Language: en-GB,IE
Date of print: 13/12/2017

Daily System Clean

Material number 186013

Page: 3 of 9

After swallowing: Rinse mouth and seek medical attention immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person. In case of vomiting, position victim on their side.

4.2 Most important symptoms and effects, both acute and delayed

Causes severe skin burns and eye damage.

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:

The product itself does not burn. Extinguishing is to be in accordance with the surrounding fire. Water fog, foam, extinguishing powder, carbon dioxide, sand.

Extinguishing media which must not be used for safety reasons:

Full water jet

5.2 Special hazards arising from the substance or mixture

Heating can release hazardous gases.

In the event of a fire, the following may be produced when the water evaporates: ammonia, nitrogen oxides (NO_x), carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information:

Hazchem-Code: 2X

Do not allow water used to extinguish fire to enter drains, ground or waterways.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Do not breathe vapours. Avoid contact with skin and eyes.

Wear personal protection equipment. Keep unprotected people away.

6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

Collect with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents, or sawdust) and place in closed containers for disposal. Thoroughly clean surrounding area.

6.4 Reference to other sections

Refer additionally to section 8 and 13.



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 30/5/2017
Version: 2
Language: en-GB,IE
Date of print: 13/12/2017

Daily System Clean

Material number 186013

Page: 4 of 9

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Avoid contact with skin, eyes, and clothing. Wear appropriate protective equipment. Do not breathe vapours.

Precautions against fire and explosion:

Hazardous vapours may form during fires. Hydrogen may form upon contact with light metals (danger of explosion!).

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Store container tightly closed in a dry and cool place. Protect from light.

Hints on joint storage: Do not store together with strong alkalis.

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Additional information: Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

Personal protection equipment

Occupational exposure controls

Respiratory protection: Use a breathing protection against vapours/aerosol.

Use filter type A (= against vapours of organic substances) according to EN 14387.

Hand protection: Protective gloves according to EN 374.

Breakthrough time: >480 min

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Glove material: PVC, latex

Eye protection: Tightly sealed goggles according to EN 166.

Body protection: Wear suitable protective clothing.

General protection and hygiene measures:

Do not breathe vapour/aerosol. Avoid contact with skin, eyes, and clothing. Avoid the formation of aerosol. When using do not eat, drink, smoke, sniff. Clean skin thoroughly after working. Work place should be equipped with a shower and an eye rinsing apparatus. Take off contaminated clothing and wash it before reuse.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Form: liquid
Colour: light red



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 30/5/2017
Version: 2
Language: en-GB,IE
Date of print: 13/12/2017

Daily System Clean

Material number 186013

Page: 5 of 9

Odour:	odourless
Odour threshold:	No data available
pH value:	(Concentrate) approx. 3
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	115 °C
Flash point/flash point range:	not applicable
Evaporation rate:	No data available
Flammability:	The product itself does not burn.
Explosion limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Density:	at 20 °C: 1.05 g/mL
Water solubility:	infinitely soluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, kinematic:	No data available
Explosive properties:	No data available
Oxidizing characteristics:	none

9.2 Other information

Additional information: No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

May be corrosive to metals.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

May react violently with the following products: strong bases.
With exposure to ammonium compounds, product will release ammonia.

10.4 Conditions to avoid

Keep away from heat.

10.5 Incompatible materials

Strong bases.

10.6 Hazardous decomposition products

Thermal decomposition: No data available



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 30/5/2017
Version: 2
Language: en-GB,IE
Date of print: 13/12/2017

Daily System Clean

Material number 186013

Page: 6 of 9

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological effects: Acute toxicity (oral): Lack of data.
Acute toxicity (dermal): Lack of data.
Acute toxicity (inhalative): Lack of data.
Skin corrosion/irritation, serious eye damage/irritation: Skin Corr. 1B; H314 = Causes severe skin burns and eye damage.
Sensitisation to the respiratory tract: Lack of data.
Skin sensitisation: Lack of data.
Germ cell mutagenicity/Genotoxicity: Lack of data.
Carcinogenicity: Lack of data.
Reproductive toxicity: Lack of data.
Effects on or via lactation: Lack of data.
Specific target organ toxicity (single exposure): Lack of data.
Specific target organ toxicity (repeated exposure): Lack of data.
Aspiration hazard: Lack of data.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Harmful effects on water organisms by modification of pH-value.
Information about Citric acid, anhydrous (CAS No. 77-92-9):
Daphnia toxicity:
EC50 Daphnia magna (Big water flea): 1535 mg/L/24 (with neutralization)
LC50 Daphnia magna (Big water flea): 85 mg/L/24h (without neutralization)
Fish toxicity:
LC50 Leuciscus idus. 440 - 760 mg/L/48h (IUCLID)

12.2 Persistence and degradability

Further details: The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:
No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 30/5/2017
Version: 2
Language: en-GB,IE
Date of print: 13/12/2017

Daily System Clean

Material number 186013

Page: 7 of 9

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 07 06 01* = Wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics.

* = Evidence for disposal must be provided.

Recommendation: Do not release undiluted and unneutralized to the sewer. Dispose of waste according to applicable legislation.

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation.
Non-contaminated packages may be recycled.

SECTION 14: Transport information

14.1 UN number

ADR/RID, IMDG, IATA-DGR:
UN 3265

14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR:
UN 3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
(Didecyldimethylammonium chloride)

14.3 Transport hazard class(es)

ADR/RID: Class 8, Code: C3
IMDG: Class 8, Subrisk-
IATA-DGR: Class 8



14.4 Packing group

ADR/RID, IMDG, IATA-DGR:
II

14.5 Environmental hazards

Marine pollutant: no

14.6 Special precautions for user

Land transport (ADR/RID)

Warning board: ADR/RID: Kemmler-number 80, UN number UN 3265
Hazard label: 8
Special provisions: 274
Limited quantities: 1 L
EQ: E2
Contaminated packaging - Instructions: P001 IBC02
Special provisions for packing together: MP15
Portable tanks - Instructions: T11
Portable tanks - Special provisions: TP2 TP27
Tank coding: L4BN
Tunnel restriction code: E



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 30/5/2017
Version: 2
Language: en-GB,IE
Date of print: 13/12/2017

Daily System Clean

Material number 186013

Page: 8 of 9

Sea transport (IMDG)

EmS: F-A, S-B
Special provisions: 274
Limited quantities: 1 L
Excepted quantities: E2
Contaminated packaging - Instructions: P001
Contaminated packaging - Provisions: -
IBC - Instructions: IBC02
IBC - Provisions: -
Tank instructions - IMO: -
Tank instructions - UN: T11
Tank instructions - Provisions: TP2, TP27
Stowage and handling: Category B. SW2
Properties and observations: Causes burns to skin, eyes and mucous membranes.
Segregation group: 1

Air transport (IATA)

Hazard label: Corrosive
Excepted Quantity Code: E2
Passenger and Cargo Aircraft: Ltd.Qty.: Pack.Instr. Y840 - Max. Net Qty/Pkg. 0.5 L
Passenger and Cargo Aircraft: Pack.Instr. 851 - Max. Net Qty/Pkg. 1 L
Cargo Aircraft only: Pack.Instr. 855 - Max. Net Qty/Pkg. 30 L
Special provisions: A3 A803
Emergency Response Guide-Code (ERG): 8L

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

SECTION 15: Regulatory information

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

National regulations - Great Britain

Hazchem-Code: 2X
No data available

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information

Further information

Wording of the H-phrases under paragraph 2 and 3:

H302 = Harmful if swallowed.
H314 = Causes severe skin burns and eye damage.
H315 = Causes skin irritation.
H319 = Causes serious eye irritation.

Reason of change: General revision
Date of first version: 18/2/2015



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 30/5/2017
Version: 2
Language: en-GB,IE
Date of print: 13/12/2017

Daily System Clean

Material number 186013

Page: 9 of 9

Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.