



Electronic Cell Cleaner

ECC,ECC-G

SDS Preparation Date (dd/mm/yyyy): 18/10/2024

Page 1 of 13

## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended. This safety data sheet complies with the requirements of UK REACH Regulation.

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

**1.1 Product identifier** : **Electronic Cell Cleaner**

**Product Code(s)** : ECC (P/N 475135); ECC-G (P/N 475136)

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

: Cleans prefilters and cells of electronic air cleaners. Also used to clean permanent filters and air conditioning evaporator coils.

Use pattern: professional use

Restriction on use: None known

**1.3 Details of the supplier of the safety data sheet:**

**Parker Hannifin Corporation - Sporlan Division**

206 Lange Drive  
Washington, MO, U.S.A.  
63090

**Telephone** : (636) 239 1111

**1.4 Emergency Telephone Number**

: In case of transportation emergencies: Chemtrec 1-800-424-9300 (Within Continental U.S.); Chemtrec 703-527-3887 (Outside U.S.).

Poisons Information Centre  
The United Kingdom NHS 111

France +33383852192

Germany +493018412-0

Spain +34917689800

Poland +48422538400

Italy

06 68593726 (CAV "Osp. Pediatrico Bambino Gesù" Dip. Emergenza - Roma) 800 183459 (Az. Osp. Univ. Foggia - Foggia)

081 5453333 (Az. Osp. "A. Cardarelli" - Napoli)

06 49978000 (CAV Policlinico "Umberto I" - Roma)

06 3054343 (CAV Policlinico "A. Gemelli" - Roma)

055 7947819 (Az. Osp. "Careggi" U.O. Tossicologia Medica - Firenze)

0382 24444 (CAV Centro Nazionale di Informazione Tossicologica - Pavia) 02

66101029 (Osp. Niguarda Ca' Granda - Milano)

800 883300 (Azienda Ospedaliera Papa Giovanni XXII - Bergamo)

**1.5 National Contact**

: +001 (636) 239-1111

### SECTION 2. HAZARDS IDENTIFICATION

**2.1 Classification of the substance or mixture**

Clear yellow liquid. Mild glycol odor

Most important hazards:

Causes skin and eye irritation. Occupational exposure to the substance or mixture may cause adverse effects. For further information, please refer to section 11 of the SDS.

This mixture is classified as hazardous in accordance with Regulation (EC) No 1272/2008. Classification:

Skin Irritation - Category 2 ; H315

Serious eye damage/eye irritation - Category 1; H318

EUH066 - Repeated exposure may cause skin dryness or cracking.

EUH381 - Suspected of causing endocrine disruption in humans



Electronic Cell Cleaner

ECC,ECC-G

SDS Preparation Date (dd/mm/yyyy): 18/10/2024

Page 2 of 13

## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended. This safety data sheet complies with the requirements of UK REACH Regulation.

### 2.2 Label elements

Hazard pictogram(s)



Hazardous components which must be listed on the label Nonylphenol ethoxylate

Signal word Danger

Hazard statements

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

EUH381 Suspected of causing endocrine disruption in humans  
Precautionary statements

P264 - Wash hands thoroughly after handling.

P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

P332 + P313 - If skin irritation occurs, get medical advice/attention.

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 or doctor/physician.

### 2.3 Other hazards

Toxic fumes, gases or vapours may evolve on burning. Prolonged or repeated skin contact may cause drying, cracking, or redness or irritation. May cause mild respiratory irritation at higher temperatures. May cause gastrointestinal irritation.

Endocrine disrupting properties: May cause endocrine disruption.

PBT assessment:

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical nature Mixture

Substance name	CAS No	EC No.	Reach Registration No.	% Weight	Classification according to Regulation (EC) nr. 1272/2008	SCL, M-factor, ATE
Dodecylbenzene sulfonic acid	27176-87-0	248-289-4	Not available	1.0 - 5.0	Acute Tox. 4 ;H302 Skin Irrit. 2 H315 Eye Irrit. 2 H319	ATE oral = 12000 mg/kg



Electronic Cell Cleaner

ECC,ECC-G

SDS Preparation Date (dd/mm/yyyy): 18/10/2024

Page 3 of 13

## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended. This safety data sheet complies with the requirements of UK REACH Regulation.

2-butoxyethanol	111-76-2	203-905-0	Not available	1.0 - 5.0	Acute Tox. 3; H311 Acute Tox. 3; H331 Acute Tox. 4; H302 Eye Irrit. 2; H319 Skin Irrit. 2; H315	ATE oral =10600 mg/kg ATE dermal = 8000 mg/kg ATE inhalation (vapours) =55 mg/L
Distillates (petroleum), hydrotreated light	64742-47-8	265-149-8	Not available	1.0 - 5.0	Asp. Tox. 1; H304 *Aquatic Chronic 4; H413 *EUH066	Not applicable.
Nonylphenol ethoxylate	127087-87-0	500-315-8	Not available	1.0 - 5.0	Skin Irrit. 2;H315 Eye Dam. 1; H318 ED HH2; EUH381	Not applicable.
Tetrasodium EDTA	64-02-8	200-573-9	Not available	Not known.	Skin Irrit. 2 H315 Eye Irrit. 2 H318	Not applicable.
Sodium Hydroxide	1310-73-2	215-185-5	Not available	Not known.	Skin Corr. 1A; H314	Not applicable.

For the full text of the H phrases not mentioned in this Section or in Section 2, see Section 16.

### SECTION 4. FIRST-AID MEASURES

#### 4.1 Description of first aid measures

- Ingestion* : Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a POISON CENTER or doctor/physician if you feel unwell.
- Inhalation* : If inhaled, move to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing has stopped, give artificial respiration. If irritation or symptoms develop, seek medical attention.
- Skin contact* : For skin contact, wash with soap and water while removing contaminated clothing. If skin irritation occurs, get medical attention.
- Eye contact* : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: get medical advice/attention.

#### 4.1.2 Self-protection for the first aider

- : None known or reported by the manufacturer.

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

- : Causes skin irritation. Symptoms may include redness, itching and swelling. Causes serious eye irritation. Symptoms may include redness, pain, tearing and conjunctivitis. May cause mild respiratory irritation at higher temperatures. May cause coughing and breathing difficulties.  
If material is ingested, may cause irritation to mucous membranes. May cause nausea, stomach pain and vomiting.

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

- : Provide general supportive measures and treat symptomatically.

### SECTION 5. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media



Electronic Cell Cleaner

ECC,ECC-G

SDS Preparation Date (dd/mm/yyyy): 18/10/2024

Page 4 of 13

## SAFETY DATA SHEET

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### *Suitable extinguishing media*

- : Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

### *Unsuitable extinguishing media*

- : Water may cause spattering of hot material and may spread burning.

### 5.2 Special hazards arising from the substance or mixture

- : Not considered flammable but may burn at high temperatures. Toxic fumes, gases or vapours may evolve on burning.

### 5.3 Advice for firefighters

#### *Protective equipment for fire-fighters*

- : Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

#### *Special fire-fighting procedures*

- : Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

- : Keep people away from and upwind of spill/leak. Wear appropriate protective equipment. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

### 6.2 Environmental precautions

- : Prevent product from entering drains, sewers, waterways and soil.

### 6.3 Methods and material for containment and cleaning up

- : Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Vacuum or sweep up spilled material using a method that does not generate airborne dust. Keep in properly labelled containers. Contact the proper local authorities.

### 6.4 Reference to other sections

- : Refer to protective measures listed in sections 7 and 8. Refer to Section 13 for disposal of contaminated material.

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

- : Use with adequate ventilation. Wear suitable protective equipment during handling. Avoid breathing mist or vapor. Avoid contact with skin, eyes and clothing. Keep away from extreme heat and direct flame. Keep away from incompatibles. Keep containers closed when not in use. Wash thoroughly after handling.

### 7.2 Conditions for safe storage, including any incompatibilities

- : Store in cool/well-ventilated place. Store locked up. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. Keep away from incompatibles.

### 7.3 Specific end use(s)

- : Refrigeration coil cleaner

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

#### Exposure Limits:



Electronic Cell Cleaner

ECC,ECC-G

SDS Preparation Date (dd/mm/yyyy): 18/10/2024

Page 5 of 13

### SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended. This safety data sheet complies with the requirements of UK REACH Regulation.

<u>Chemical Name</u>	<u>Exposure Limits</u>	<u>Type</u>	<u>Notes</u>
<b>Dodecylbenzene sulfonic acid</b>	None.	European Union (OEL)	None.
	None.	The United Kingdom (WELs)	None.
<b>2-butoxyethanol</b>	20 ppm (98 mg/m <sup>3</sup> ) (TWA) 50 ppm (246 mg/m <sup>3</sup> ) (STEL)	European Union (OEL)	Possibility of significant uptake through the skin
	10 ppm (49 mg/m <sup>3</sup> ) (indicative limit) (TWA) 50 ppm (246 mg/m <sup>3</sup> ) (indicative limit) (STEL)	France (OEL)	Risk of cutaneous absorption
	10 ppm (49 mg/m <sup>3</sup> ) (exposure factor 4) (TWA)	Germany (OEL)	Skin notation
	20 ppm (98 mg/m <sup>3</sup> ) (TWA) 50 ppm (246 mg/m <sup>3</sup> ) (STEL)	Italy (OEL)	Skin - Potential for cutaneous absorption
	20 ppm (98 mg/m <sup>3</sup> ) (TWA) 50 ppm (245 mg/m <sup>3</sup> ) (STEL)	Spain (OEL)	Skin - Potential for cutaneous absorption
	25 ppm (123 mg/m <sup>3</sup> ) (TWA) 50 ppm (246 mg/m <sup>3</sup> ) (STEL)	The United Kingdom (WELs)	Potential for cutaneous absorption
<b>Distillates (petroleum), hydrotreated light</b>	None known.	European Union (OEL)	None.
	None.	The United Kingdom (WELs)	None.
<b>Nonylphenol ethoxylate</b>	N/Av	European Union (OEL)	N/Av
	N/Av	The United Kingdom (WELs)	N/Av
<b>Tetrasodium EDTA</b>	None.	European Union (OEL)	None.
	None.	The United Kingdom (WELs)	None.
<b>Sodium Hydroxide</b>	None.	European Union (OEL)	None.
	2 mg/m <sup>3</sup> (TWA)	France (OEL)	None.
	2 mg/m <sup>3</sup> (STEL)	Spain (OEL)	None.
	2 mg/m <sup>3</sup> (STEL)	The United Kingdom (WELs)	None.

**Biological Exposure Indices:**

<u>Chemical Name</u>	<u>Biological Exposure Indices</u>	<u>Type</u>
2-butoxyethanol		



Electronic Cell Cleaner

ECC,ECC-G

SDS Preparation Date (dd/mm/yyyy): 18/10/2024

Page 6 of 13

## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended. This safety data sheet complies with the requirements of UK REACH Regulation.

100 mg/L, Determinant: Butoxyacetic acid (for long-term exposure), Specimen: Urine	Germany. TRGS 903, BAT List (Biological Limit Values)
150 mg/g Creatinine, Specimen: Butoxyacetic acid (for long-term exposure after hydrolysis), Specimen: Urine	
240 mmol/mol Creatinine, Determinant: Butoxyacetic acid, Specimen: Urine	UK. EH40 Biological Monitoring Guidance Values (BMGVs)
200 mg/g Creatinine, Determinant: Butoxyacetic acid with hydrolysis, Specimen: Urine	Spain. Biological Limit Values (VLBs), Occupational Exposure Limits for Chemical Agents, Table 4
No biological exposure limits noted for the ingredient(s).	

Derived No Effect Level (DNEL) Not available.

Predicted No Effect Concentration (PNEC) Not available.

### 8.2 Exposure controls

#### Ventilation and engineering measures

: Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

**Respiratory protection** : In case of insufficient ventilation wear suitable respiratory equipment. Seek advice from respiratory protection specialists.

**Skin protection** : Wear protective gloves. Advice should be sought from glove suppliers.

**Eye / face protection** : Wear safety goggles or glasses as appropriate for the job. See also EN 166.

#### Other protective equipment

: Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.

#### General hygiene considerations

: Avoid breathing mist or vapor. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

### 8.3 Environmental exposure controls

: Avoid release to the environment.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Physical state</b>	: Liquid.
<b>Colour</b>	: Yellow.
<b>Odour</b>	: Mild glycol odor
<b>Odour threshold</b>	: Not available.
<b>pH</b>	: Not available.
<b>Flash point</b>	: >100°C
<b>Flashpoint (Method)</b>	: Closed cup
<b>Lower flammable limit (% by vol.)</b>	: Not available.
<b>Upper flammable limit (% by vol.)</b>	: Not available.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.



Electronic Cell Cleaner

ECC,ECC-G

SDS Preparation Date (dd/mm/yyyy): 18/10/2024

Page 7 of 13

## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended. This safety data sheet complies with the requirements of UK REACH Regulation.

**Oxidizing properties** : Not applicable

**Explosive properties** : Not explosive

**Initial boiling point and boiling range**

: >100°C

**Melting/Freezing point** : Not available.

**Relative density** : 1.016

**Solubility in water** : Soluble

**Other solubility(ies)** : Not available.

**Vapour pressure** : Not available.

**Vapour density** : Not available.

**Partition coefficient: n-octanol/water**

: Not available.

**Viscosity** : Not available.

**Evaporation rate (BuAe = 1)**

: >1

**Particle characteristics** : Not applicable

### 9.2 Other Information

**Volatiles (% by weight)** : Not applicable.

**Volatile organic Compounds (VOC's)**

: Not available.

**Other physical/chemical comments**

: Not available.

## SECTION 10. STABILITY AND REACTIVITY

**10.1 Reactivity** : Not normally reactive.

**10.2 Chemical stability** : Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

: Hazardous polymerization does not occur. No dangerous reaction known under conditions of normal use.

**10.4 Conditions to avoid** : Direct sources of heat. Do not use in areas without adequate ventilation. Avoid contact with incompatible materials.

**10.5 Incompatible materials**

: Strong oxidizing agents

**10.6 Hazardous decomposition products**

: Carbon oxides

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological effects:

**Acute toxicity** : According to the classification criteria of the European Union, this product is not considered as being an acutely toxic chemical.

**Skin corrosion/Irritation** : Causes skin irritation.

**Serious eye damage/irritation**

: Causes serious eye damage.

**Respiratory or skin sensitisation**



Electronic Cell Cleaner

ECC,ECC-G

SDS Preparation Date (dd/mm/yyyy): 18/10/2024

Page 8 of 13

## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended. This safety data sheet complies with the requirements of UK REACH Regulation.

- Germ cell mutagenicity** : According to the classification criteria of the European Union, this product is not considered as being an allergic skin sensitiser.  
According to the classification criteria of the European Union, this product is not considered as being an allergic respiratory sensitiser.
- Carcinogenicity** : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
- Reproductive toxicity** : According to the classification criteria of the European Union, the product is not considered as being a carcinogen.
- STOT-single exposure** : According to the classification criteria of the European Union, this product is not considered as being toxic to reproduction.
- STOT-repeated exposure** : According to the classification criteria of the European Union, this product is not expected to cause target organ toxicity through a single exposure.
- Aspiration hazard** : According to the classification criteria of the European Union, this product is not expected to cause target organ toxicity through repeated exposures.
- Routes of exposure** : According to the classification criteria of the European Union, this product is not considered as being an aspiration hazard to humans.
- Effects of acute exposure** : Inhalation  
Ingestion  
Eye contact  
Skin contact  
Causes serious eye irritation. Symptoms may include redness, pain, tearing and conjunctivitis.  
Causes skin irritation. Symptoms may include redness, itching and swelling.  
May cause mild respiratory irritation at higher temperatures.  
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
- Potential Chronic Health Effects** : Prolonged or repeated contact may cause redness, drying and itching of the skin (dermatitis).

### 11.1.1 Acute Toxicity

- Toxicological data** : Not classified for acute toxicity based on available data. No data is available on the product itself.  
ATE oral = 7526.09 mg/kg  
ATE dermal = 8113.59 mg/kg  
ATE inhalation (vapours) = 30.03 mg/L

See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC<sub>50</sub>(4hr)</u> <u>inh, rat</u>	<u>LD<sub>50</sub></u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Dodecylbenzene sulfonic acid	N/Av	650 mg/kg	2000 mg/kg
2-butoxyethanol	450 ppm (2.175 mg/L) (vapour)	530 mg/kg	400 - 500 mg/kg
Distillates (petroleum), hydrotreated light	>6.03 mg/L (aerosol)	>5000 mg/kg	>2000 mg/kg
Nonylphenol ethoxylate	N/Av	960 - 3980 mg/kg	> 2000 - 2911 mg/kg
Tetrasodium EDTA	N/Av	1658mg/kg	N/Av
Sodium Hydroxide	N/Av	N/Av	N/Av

### 11.2 Information on other Hazards

- : Not applicable
- 11.2.1 Endocrine disrupting properties May cause endocrine disruption. :
- 11.2.2 Other hazards :Not applicable



Electronic Cell Cleaner

ECC,ECC-G

SDS Preparation Date (dd/mm/yyyy): 18/10/2024

Page 9 of 13

## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended. This safety data sheet complies with the requirements of UK REACH Regulation.

### SECTION 12. ECOLOGICAL INFORMATION

**12.1 Toxicity** : The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.

See the following tables for individual ingredient ecotoxicity data.

#### Ecotoxicity data:

<u>Ingredients</u>	CAS No	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Dodecylbenzene sulfonic acid	27176-87-0	3.2 - 5.6 mg/L (Rainbow trout)	1.121 mg/L (30 days) (QSAR )	None.
2-butoxyethanol	111-76-2	1490 mg/L (Bluegill sunfish)	> 100 mg/L (Zebra fish)	None.
Distillates (petroleum), hydrotreated light	64742-47-8	45 mg/L (Fathead minnow)	N/Av	None.
Nonylphenol ethoxylate	127087-87-0	2.5 - 12.5 mg/L (Fathead minnow)	N/Av	None.
Tetrasodium EDTA	64-02-8	41 mg/L	N/Av	None.
Sodium Hydroxide	1310-73-2	125 mg/L (Mosquito fish)	N/Av	None.

<u>Ingredients</u>	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Dodecylbenzene sulfonic acid	27176-87-0	5.88 mg/L (Daphnia magna)	1.65 mg/L (Read-across)	None.
2-butoxyethanol	111-76-2	835 mg/L (Daphnia magna)	100 mg/L	None.
Distillates (petroleum), hydrotreated light	64742-47-8	N/Av	N/Av	N/Av
Nonylphenol ethoxylate	127087-87-0	2.57 - > 100 mg/L (Daphnia magna)	N/Av	None.
Tetrasodium EDTA	64-02-8	N/Av	N/Av	None.
Sodium Hydroxide	1310-73-2	40.4 mg/L (Daphnia magna)	N/Av	None.



Electronic Cell Cleaner

ECC,ECC-G

SDS Preparation Date (dd/mm/yyyy): 18/10/2024

Page 10 of 13

## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended. This safety data sheet complies with the requirements of UK REACH Regulation.

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Algae</u>		
		<u>EC50 / 96h or 72h</u>	<u>NOEC / 96h or 72h</u>	<u>M Factor</u>
Dodecylbenzene sulfonic acid	27176-87-0	65.4 mg/L/72hr (Green algae)	7.9 mg/L/72hr	None.
2-butoxyethanol	111-76-2	911 mg/L/72hr (Green algae)	286 mg/L/72hr	None.
Distillates (petroleum), hydrotreated light	64742-47-8	N/Av	N/Av	N/Av
Nonylphenol ethoxylate	127087-87-0	12 - 50 mg/L/96hr (Green algae)	N/Av	None.
Tetrasodium EDTA	64-02-8	1.01 mg/L	N/Av	None.
Sodium Hydroxide	1310-73-2	N/Av	N/Av	None.

### 12.2 Persistence and degradability

: Not readily biodegradable.

### 12.3 Bioaccumulation potential

: See the following data for ingredient information.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Dodecylbenzene sulfonic acid (CAS 27176-87-0)	1.96	36 - 119
2-butoxyethanol (CAS 111-76-2)	0.8	0.97
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)	5.1-8.8	N/Av
Tetrasodium EDTA (CAS 64-02-8)	- 13.17 (estimated)	1.8 (Bluegill sunfish)

12.4 Mobility in soil : Not available.

### 12.5 Results of PBT and vPvB assessment

: This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

### 12.6 Endocrine disrupting properties

: None known or reported by the manufacturer.

### 12.7 Other Adverse Environmental effects

: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

12.8 Additional information : None known.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods:

**Handling for Disposal** : Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. This material and its container must be disposed of in a safe way. Empty containers retain residue and can be dangerous. Follow labeled warnings even after container is emptied.

**Methods of Disposal** : According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.



Electronic Cell Cleaner

ECC,ECC-G




SDS Preparation Date (dd/mm/yyyy): 18/10/2024

Page 11 of 13

## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended. This safety data sheet complies with the requirements of UK REACH Regulation.

### SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	14.1 UN Number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing Group	Label
ICAO/IATA	None.	Not regulated.	not regulated	none	
ICAO/IATA Additional information	None.				
IMDG	None.	Not regulated.	not regulated	none	
IMDG Additional information	None.				
ADR/RID	None.	not regulated	not regulated	none	
ADR/RID Additional information	Not classified as dangerous for conveyance in the meaning of the regulations for the transport of dangerous goods by road and rail.				

**14.5 Environmental hazards** : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

**14.6 Special precautions for user**

: Appropriate advice on safety must accompany the package.

**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**



Electronic Cell Cleaner

ECC,ECC-G

SDS Preparation Date (dd/mm/yyyy): 18/10/2024

Page 12 of 13

## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended. This safety data sheet complies with the requirements of UK REACH Regulation.

: Classification according to Regulation (EC) No. 1272/2008 on the classification of hazardous mixtures. This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended [including Regulation (EU) 2023/707].

Authorisations:

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended: (CAS 127087-87-0)

Restrictions on use:

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended  
None of the components are specifically listed.

Directive 2012/18/EU (Seveso III) on the control of major-accident hazards involving dangerous substances:

None of the components are specifically listed.

RoHS European Union's Directive 2002/95/EC, the Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) : Not applicable.

Directive 98/24/EC on the protection of the health and safety of workers from risks related to chemical agents at work: (CAS 127087-87-0)

Directive 94/33/EC on the protection of young people at work: (CAS 127087-87-0)

Follow national regulation for work with chemical agents.

German legislation on substances that are hazardous to water AwSV: Water hazard class (Germany) - 1

### 15.2 Chemical safety assessment

: A chemical safety assessment has not been carried out by the Manufacturer of this product.

## SECTION 16. OTHER INFORMATION

**Legend** : ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IATA: International Air Transport Association IMDG: International Maritime Dangerous Goods

**Information Source** : 1. Material Safety Data Sheet from manufacturer.  
2. Canadian Centre for Occupational Health and Safety, CCInfoWeb Databases  
3. European Chemicals Agency, Classification Legislation  
4. OECD - The Global Portal to Information on Chemical Substances

**Preparation Date (dd/mm/yyyy)**

: 18/10/2024

**Regulation and Procedure**

:



Electronic Cell Cleaner

ECC,ECC-G

SDS Preparation Date (dd/mm/yyyy): 18/10/2024

Page 13 of 13

### SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended. This safety data sheet complies with the requirements of UK REACH Regulation.

<p>Skin irritation; Eye Damage ; Expert judgement</p> <p>H-phrases (full-text)  H302 - Harmful if swallowed.  H304 - May be fatal if swallowed and enters airways.  H311 - Toxic in contact with skin.  H315 - Causes skin irritation.  H318 - Causes serious eye damage.  H319 - Causes serious eye irritation.  H331 - Toxic if inhaled.  H413 - May cause long lasting harmful effects to aquatic life.  EUH066 - Repeated exposure may cause skin dryness or cracking.  EUH381 - Suspected of causing endocrine disruption in humans</p>
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**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.

<p><b>Prepared for:</b>  Parker Hannifin Corporation - Sporlan Division  206 Lange Drive  Washington, MO 63090 USA  +001 (636) 239-1111  Direct all enquiries to: Parker Hannifin Corp. - Sporlan Division.</p>	
<p><b>Prepared by:</b>  ICC The Compliance Center Inc.  <a href="http://www.thecompliancecenter.com">http://www.thecompliancecenter.com</a></p>	

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