



Electroinc Cell Cleaner

:CC (P/N 475135); ECC-G (P/N 475136)

SDS Revision Date (mm/dd/yyyy): 02/02/2015

Page 1 of 11

## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

**Product identifier used on the label**

: **Electroinc Cell Cleaner**

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

**Recommended use of the chemical and restrictions on use**

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

**Chemical family** : Mixture.

**Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:**

**Parker Hannifin Corporation - Sporlan Division**

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

**Information Telephone #** : (636) 239 1111

**24 Hr. Emergency Tel #** : Chemtrec 1-800-424-9300 (Within Continental U.S.); Chemtrec 703-527-3887 (Outside U.S.).

### SECTION 2. HAZARDS IDENTIFICATION

**Classification of the chemical**

OSHA Classification:

Skin corrosion/irritation Category 2

Eye damage/irritation Category 1

**Label elements**

**Signal Word**

DANGER!

**Hazard statement(s)**

Causes skin irritation.

Causes serious eye damage.

**Precautionary statement(s)**

Wash hands and face thoroughly after handling.

Wear protective gloves and eye/face protection.

Specific treatment (see this label).

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs, get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

Hazard pictograms:



**Other hazards**



Electroinc Cell Cleaner

:CC (P/N 475135); ECC-G (P/N 475136)

SDS Revision Date (mm/dd/yyyy): 02/02/2015

Page 2 of 11

## SAFETY DATA SHEET

No OSHA defined hazard classes.

Other hazards which do not result in classification:

May cause severe irritation and corrosive damage in the mouth, throat and stomach. Prolonged or repeated contact may cause drying, cracking and defatting of the skin. Repeated absorption may cause disorder of central nervous system, liver, kidneys and blood. Suspected of causing cancer.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS #</u>	<u>Concentration</u>
Dodecylbenzenesulfonic acid	27176-87-0	1.0 - 5.0
2-butoxyethanol	111-76-2	1.0 - 4.0
Distillates (petroleum), hydrotreated light	64742-47-8	1.0 - 4.0
Nonylphenol ethoxylate	127087-87-0	1.0 - 4.0
Tetrasodium ethylenediamine tetraacetate	64-02-8	1.0 - 3.0
sodium hydroxide	1310-73-2	0.1 - 0.5

### SECTION 4. FIRST-AID MEASURES

#### Description of first aid measures

- Ingestion* : If ingested, do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
- Inhalation* : If breathed in, move person into fresh air. If breathing is irregular or stopped, administer artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Consult a physician.
- Skin contact* : IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash it before reuse.
- Eye contact* : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Duration of rinsing should be at least 20 minutes. Immediately call a POISON CENTER or doctor/physician.

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

- : Causes serious eye damage. Causes severe skin irritation. Ingestion may cause irritation of the mouth, throat and stomach. May cause irritation to the nose, throat and upper respiratory tract.

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

- : Immediate medical attention is required. Treat symptomatically.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing media

- Suitable extinguishing media* : Use water fog or fine spray, foams, carbon dioxide or dry chemical.
- Unsuitable extinguishing media* : Do not use water jet, as this may spread burning material.

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

- : Not flammable under normal conditions of use. Vapours are heavier than air and collect in confined and low-lying areas. If water is evaporated, material can burn. After prolonged storage, may release explosive peroxides in the presence of air. Rate of peroxide formation is not known. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Contact with metals may release small amounts of flammable hydrogen gas.

#### Flammability classification (OSHA 29 CFR 1910.106)

- : Not flammable.

#### Hazardous combustion products

- : Carbon oxides; Sulphur oxides; Hydrogen sulfide; Phosphorus compounds; formaldehyde; Other unidentified organic compounds.



Electroinc Cell Cleaner

:CC (P/N 475135); ECC-G (P/N 475136)

SDS Revision Date (mm/dd/yyyy): 02/02/2015

Page 3 of 11

## SAFETY DATA SHEET

### Special protective equipment and precautions 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.

#### Special fire-fighting procedures

- : Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. Avoid spreading burning liquid with water spray used for cooling purposes.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

- : Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Refer to protective measures listed in sections 7 and 8.

### Environmental precautions

- : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.

### Methods and material for containment and cleaning up

- : Ventilate area of release. Stop spill or leak at source if safely possible. Remove all sources of ignition. Absorb material with inert absorbent, and place into labelled containers for disposal. Refer to Section 13 for disposal of contaminated material. Notify the appropriate authorities as required.

### Special spill response procedures

- : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802). US CERCLA Reportable quantity (RQ): Dodecylbenzenesulfonic acid (1000 lbs/454 kg).

## SECTION 7. HANDLING AND STORAGE

### Precautions for safe handling

- : Use only in well-ventilated areas. Wear protective equipment during handling. Impervious gloves must be worn when using this product. Avoid breathing vapors, fumes or dust. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Protect from moisture. Keep container tightly closed. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Wash thoroughly after handling.

### Conditions for safe storage

- : Keep containers tightly closed in a cool, well-ventilated place. Keep away from incompatibles. Inspect periodically for damage or leaks. Store out of direct sunlight. Keep containers dry and tightly closed to avoid moisture absorption and contamination.

### Incompatible materials

- : Strong oxidizing agents; Strong acids; Bases.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits:

<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Dodecylbenzenesulfonic acid	N/Av	N/Av	N/Av	N/Av
2-butoxyethanol	20 ppm	N/Av	50 ppm (skin)	N/Av



Electroinc Cell Cleaner

:CC (P/N 475135); ECC-G (P/N 475136)

SDS Revision Date (mm/dd/yyyy): 02/02/2015

Page 4 of 11

## SAFETY DATA SHEET

Distillates (petroleum), hydrotreated light	200 mg/m <sup>3</sup> (as total hydrocarbon vapour)	N/Av	N/Av	N/Av
Nonylphenol ethoxylate	N/Av	N/Av	N/Av	N/Av
Tetrasodium ethylenediamine tetraacetate	N/Av	N/Av	N/Av	N/Av
sodium hydroxide	2 mg/m <sup>3</sup> (Ceiling)	N/Av	2 mg/m <sup>3</sup>	N/Av

### Exposure controls

#### Ventilation and engineering measures

: Use only in well-ventilated areas. Provide sufficient ventilation to keep vapour concentration below the given TLV and/or PEL.

#### Respiratory protection

: Respiratory protection is required if the concentrations exceed the TLV. Use NIOSH/MSHA approved equipment. Advice should be sought from respiratory protection specialists.

#### Skin protection

: Impervious gloves must be worn when using this product. Advice should be sought from glove suppliers.

#### Eye / face protection

: Chemical splash goggles must be worn when handling this material.

#### Other protective equipment

: Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact. Ensure that eyewash stations and safety showers are close to the workstation location.

#### General hygiene considerations

: Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Light yellow liquid.

Odour : Mild glycol odour

Odour threshold : N/Av

pH : N/Av

Melting/Freezing point : N/Av

#### Initial boiling point and boiling range

: 100°C (212°F)

Flash point : >100°C (>212°F)

Flashpoint (Method) : Seta closed cup

Evaporation rate (BuAe = 1) : < 1

Flammability (solid, gas) : Not applicable.

Lower flammable limit (% by vol.) : N/Av

Upper flammable limit (% by vol.) : N/Av

Oxidizing properties : None known.

Explosive properties : Not explosive

Vapour pressure : N/Av

Vapour density : N/Av

Relative density : 1.016

Solubility in water : soluble

Other solubility(ies) : None known.

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

: N/Av

Auto-ignition temperature : N/Av



Electroinc Cell Cleaner

:CC (P/N 475135); ECC-G (P/N 475136)

SDS Revision Date (mm/dd/yyyy): 02/02/2015

Page 5 of 11

## SAFETY DATA SHEET

Decomposition temperature : N/Av  
Viscosity : N/Av  
Volatiles (% by weight) : N/Av  
Volatile organic Compounds (VOC's) : N/Av  
Absolute pressure of container : N/Av  
Flame projection length : N/Av  
Other physical/chemical comments : No additional information.

### SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not a hazard under normal conditions of use.  
Chemical stability : Stable under the recommended storage and handling conditions prescribed.  
Possibility of hazardous reactions : Hazardous polymerization does not occur.  
Conditions to avoid : Direct sources of heat. Ensure adequate ventilation, especially in confined areas. Keep away from direct sunlight.  
Incompatible materials : Strong oxidizing agents; Strong acids; Bases.  
Hazardous decomposition products : Peroxides. Refer to Section 5 for additional 'Hazardous combustion products'.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure:

Routes of entry inhalation : YES  
Routes of entry skin & eye : YES  
Routes of entry Ingestion : YES  
Routes of exposure skin absorption : NO

#### Potential Health Effects:

##### Signs and symptoms of short-term (acute) exposure

###### *Sign and symptoms Inhalation*

: May cause irritation of the nose, throat, mucous membranes, and respiratory tract. Could result in pulmonary edema (fluid accumulation). Symptoms may include coughing, chest pain and shortness of breath.

###### *Sign and symptoms ingestion*

: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

###### *Sign and symptoms skin*

: Causes severe skin irritation. Symptoms include redness, swelling and sloughing of skin cells (flaking).

###### *Sign and symptoms eyes*

: Causes serious eye damage. Symptoms may include stinging sensation, tearing, conjunctivitis and possibly corneal damage.

##### Potential Chronic Health Effects

: None expected, when used as intended.

##### Mutagenicity

: Not expected to be mutagenic in humans.

##### Carcinogenicity

: Contains the following chemicals listed as confirmed animal carcinogens (A3) by ACGIH: 2-butoxyethanol. No other components are classified as carcinogenic by IARC, ACGIH, OSHA or NTP.

##### Reproductive effects

: Not classifiable as a reproductive toxin.



Electroinc Cell Cleaner

:CC (P/N 475135); ECC-G (P/N 475136)

SDS Revision Date (mm/dd/yyyy): 02/02/2015

Page 6 of 11

## SAFETY DATA SHEET

- Senitization to material** : Not expected to be a skin or respiratory sensitizer.
- Specific target organ effects** : Skin, liver, kidney, respiratory system and central nervous system. Eyes.
- Medical conditions aggravated by overexposure** : Pre-existing skin, eye and respiratory disorders.
- Toxicological data** : ATE dermal = 8113.59 mg/kg  
 ATE inhalation (mists) =30.03 mg/l  
 ATE inhalation (vapours) =64.16 mg/l  
 ATE oral = 7526.09 mg/kg

<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>
Dodecylbenzenesulfonic acid	N/Av	650 mg/kg	2000mg/kg
2-butoxyethanol	450 ppm (2.175mg/L )	530 mg/kg	400 - 500 mg/kg
Distillates (petroleum), hydrotreated light	>5.2mg/L (aerosol) (no deaths)	>5000 mg/kg	>2000 mg/kg
Nonylphenol ethoxylate	1.15mg/L	960-3980mg/kg	>2000-2991mg/kg
Tetrasodium ethylenediamine tetraacetate	N/Av	1700-1913mg/kg	N/Av
sodium hydroxide	N/Av	N/Av	N/Av

**Other important toxicological hazards**

- : Inhalation of extremely high concentrations could cause pulmonary edema (fluid accumulation). May cause central nervous system depression.

### SECTION 12. ECOLOGICAL INFORMATION

- Ecotoxicity** : No data is available on the product itself. 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:**

Ingredients	CAS No	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Dodecylbenzenesulfonic acid	27176-87-0	3.2 - 5.6 mg/L (Rainbow trout)	N/Av	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	1490mg/L (Fathead minnow)	N/Av	None.
Tetrasodium ethylenediamine tetraacetate	64-02-8	121 mg/L (Bluegill sunfish)	N/Av	None.
sodium hydroxide	1310-73-2	125mg/L (Mosquito fish)	N/Av	None.



Electroinc Cell Cleaner

:CC (P/N 475135); ECC-G (P/N 475136)

SDS Revision Date (mm/dd/yyyy): 02/02/2015

Page 7 of 11

### SAFETY DATA SHEET

Ingredients	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Dodecylbenzenesulfonic acid	27176-87-0	3.5 mg/L (Daphnia magna)	1.65 mg/L	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	9.3-21.4mg/L (Water flea)	N/Av	None.
Tetrasodium ethylenediamine tetraacetate	64-02-8	140 mg/L (Daphnia magna)	22 mg/L	None.
sodium hydroxide	1310-73-2	40 mg/L (Water flea)	N/Av	None.

Ingredients	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Dodecylbenzenesulfonic acid	27176-87-0	21 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	12mg/L (Green algae)	N/Av	None.
Tetrasodium ethylenediamine tetraacetate	64-02-8	> 100 mg/L/72hr (Green algae)	48.4 mg/L/72hr	None.
sodium hydroxide	1310-73-2	N/Av	N/Av	None.

**Persistence and degradability**

: The product itself has not been tested.

**Bioaccumulation potential**

: The product itself has not been tested.

**Mobility in soil**

: The product itself has not been tested.

**Other Adverse Environmental effects**

: None known.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Handling for Disposal**

: Handle waste according to recommendations in Section 7. Empty containers retain residue (liquid and/or vapour) and can be dangerous.

**Methods of Disposal**

: Dispose in accordance with all applicable federal, state, provincial and local regulations.

**RCRA**

: If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

**SECTION 14. TRANSPORTATION INFORMATION**

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	None	Not regulated.	Not regulated	none	



Electroinc Cell Cleaner

:CC (P/N 475135); ECC-G (P/N 475136)

SDS Revision Date (mm/dd/yyyy): 02/02/2015

Page 8 of 11

### SAFETY DATA SHEET

49CFR/DOT Additional information	None.				
TDG Additional information	None	Not regulated.	Not regulated	none	
	None.				
ICAO/IATA Additional information	None	Not regulated.	Not regulated	none	
	None.				

**Special precautions for user** : Appropriate advice on safety must accompany the package.

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

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
 : This information is not available.

#### SECTION 15 - REGULATORY INFORMATION

**US Federal Information:**

Components listed below are present on the following U.S. Federal chemical lists:

Ingredients	CAS #	TSCA Inventory	CERCLA Reportable Quantity (RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Dodecylbenzenesulfonic acid	27176-87-0	Yes	1000 lb/ 454 kg	N/Av	No	N/Ap
2-butoxyethanol	111-76-2	Yes	N/Ap	N/Av	No	N/Ap
Distillates (petroleum), hydrotreated light	64742-47-8	Yes	N/Ap	N/Av	No	N/Ap
Nonylphenol ethoxylate	127087-87-0	Yes	N/Ap	N/Av	No	N/Ap
Tetrasodium ethylenediamine tetraacetate	64-02-8	Yes	N/Ap	N/Ap	No	N/Ap
sodium hydroxide	1310-73-2	Yes	1000 lb/ 454 kg	N/Av	No	N/Ap

**US State Right to Know Laws:**

The following chemicals are specifically listed by individual States:





Electroinc Cell Cleaner

:CC (P/N 475135); ECC-G (P/N 475136)

SDS Revision Date (mm/dd/yyyy): 02/02/2015

Page 9 of 11

## SAFETY DATA SHEET

Ingredients	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Dodecylbenzenesulfonic acid	27176-87-0	No	N/Ap	Yes	Yes	No	Yes	Yes	No
2-butoxyethanol	111-76-2	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Distillates (petroleum), hydrotreated light	64742-47-8	No	N/Ap	No	No	No	No	No	No
Nonylphenol ethoxylate	127087-87-0	No	N/Ap	No	No	No	No	No	No
Tetrasodium ethylenediamine tetraacetate	64-02-8	No	N/Ap	No	No	No	No	No	No
sodium hydroxide	1310-73-2	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes

### Canadian Information:

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.

**This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.**

### International Information:

Components listed below are present on the following International Inventory lists:

Ingredients	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Dodecylbenzenesulfonic acid	27176-87-0	248-289-4	Present	Present	(3)-1907; (3)-1884	KE-12947	Present	HSR003407
2-butoxyethanol	111-76-2	203-905-0	Present	Present	(7)-97; (2)-407	KE-04134	Present	HSR001154
Distillates (petroleum), hydrotreated light	64742-47-8	265-149-8	Present	Present	(9)-1700	KE-12550	Present	No information available.
Nonylphenol ethoxylate	127087-87-0	N/Av	Present	Present	N/Av	N/Av	Present	N/Av
Tetrasodium ethylenediamine tetraacetate	64-02-8	200-573-9	Present	Present	(2)-1265	KE-13654	Present	HSR003275
sodium hydroxide	1310-73-2	215-185-5	Present	Present	(2)-1972; (1)-410	KE-31487	Present	HSR001547

### SECTION 16. OTHER INFORMATION



Electroinc Cell Cleaner

:CC (P/N 475135); ECC-G (P/N 475136)

SDS Revision Date (mm/dd/yyyy): 02/02/2015

Page 10 of 11

## SAFETY DATA SHEET

**Legend** :

- ACGIH: American Conference of Governmental Industrial Hygienists
- ATE: Acute Toxicity Estimate
- CA: California
- CAS: Chemical Abstract Services
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- CFR: Code of Federal Regulations
- DOT: Department of Transportation
- EPA: Environmental Protection Agency
- HMIS: Hazardous Materials Identification System
- HSDB: Hazardous Substances Data Bank
- IARC: International Agency for Research on Cancer
- IATA: International Air Transport Association
- ICAO: International Civil Aviation Organisation
- Inh: Inhalation
- LC: Lethal Concentration
- LD: Lethal Dose
- MA: Massachusetts
- MSHA: Mine Safety and Health Administration
- N/Ap: Not Applicable
- N/Av: Not Available
- NFPA: National Fire Protection Association
- NIOSH: National Institute of Occupational Safety and Health
- NTP: National Toxicology Program
- OSHA: Occupational Safety and Health Administration
- PA: Pennsylvania
- PEL: Permissible exposure limit
- RCRA: Resource Conservation and Recovery Act
- RTECS: Registry of Toxic Effects of Chemical Substances
- SARA: Superfund Amendments and Reauthorization Act
- STEL: Short Term Exposure Limit
- TDG: Canadian Transportation of Dangerous Goods Act & Regulations
- TLV: Threshold Limit Values
- TWA: Time Weighted Average
- WHMIS: Workplace Hazardous Materials Identification System

**References** :

1. Material Safety Data Sheet from manufacturer.
2. Canadian Centre for Occupational Health and Safety, CCHInfoWeb Databases, 2015 (Chempendium, RTECs, HSDB, INCHEM).
3. European Chemicals Bureau, Existing Chemicals Work Area, EINECS Information System, 2014.
4. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2015.

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

: 05/15/2012

**Reviewed Date SDS (dd/mm/yyyy)**

: 02/02/2015

**Revision No.**

: 2

**Revision Information**

: (M)SDS sections updated: All

**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.

**HMIS Rating**

: \* - Chronic hazard 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Severe

*Health:* 2 *Flammability:* 1 *Reactivity:* 0

**NFPA Rating**

0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Severe

: *Health:* 2 *Flammability:* 1 *Instability:* 0 *Special Hazards:* None



Parker Hannifin Corporation  
Sporlan Division  
206 Lange Drive  
Washington, MO 63090  
USA



Electroinc Cell Cleaner

ICC (P/N 475135); ECC-G (P/N 475136)

SDS Revision Date (mm/dd/yyyy): 02/08/2015

Page 11 of 11

## SAFETY DATA SHEET

<p><b>Prepared for:</b> Parker Hannifin Corporation - Sporlan Division 206 Lange Drive Washington, MO 63090 U.S.A. Telephone: (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>	

### DISCLAIMER

This Safety Data Sheet was prepared by ICC The Compliance Center Inc. using information provided by Parker Hannifin Corporation and CCOHS' Web Information Service. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc and Parker Hannifin Corporation expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc. and Parker Hannifin Corporation.

**END OF DOCUMENT**