



Date Issued: 09/05/2019

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Product: ELECTRICLEAN

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## COMPANY DETAILS

Name: BD Chemicals	Emergency Tel. No. (011)7765076/0834693828/0783892507
Address: 56 Stanley Rd Knights Germiston, Gauteng, South Africa	Postal Address: PO Box 4120 Germiston South 1411
Tel. No. (011) 7765076	

## 1. PRODUCT IDENTIFICATION

Trade Name:	ELECTRICLEAN
Description:	Quick drying electrical cleaner

## 2. HAZARDOUS COMPONENTS

	CAS#	%
Proprietary blend of chlorinated hydrocarbons	****	****



## 3. HAZARD IDENTIFICATION

Main hazard	Toxic if swallowed
Explosive hazard	No risk of explosion under normal conditions
Fire	Not Flammable
Chemical hazard	Avoid strong acids, bases and strong oxidizers
Health effects - eyes	This product may be irritating to eyes
Health effects - skin	Short term exposure is unlikely to cause significant skin irritation. Prolonged contact may cause skin irritation or even a burn.
Health effects - ingestion	Significant oral exposure is considered to be unlikely. However this product may be irritating to mucus membranes
Health effects - inhalation	In confined or poorly ventilated areas vapours can readily accumulate and can lead to unconsciousness or death


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#### 4. FIRST AID

Product in eyes:	Flush at once with cool running water. Remove contact lenses. Continue flushing for at least 15 min, holding eyelids apart so as to rinse entire eye. Seek medical attention immediately
Product on skin:	Wash gently and thoroughly with water for 5 minutes or until chemical is removed.
Product ingested:	Rinse mouth at once; DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person. Seek medical attention immediately.
Product inhaled:	No First Aid Measures normally required. However if inhalation has occurred and irritation has developed move person to fresh air and observe. If irritation is still observed after 30 minutes seek medical attention
Health effects - eyes	This product may be irritating to eyes
Health effects - skin	Short term exposure is unlikely to cause significant skin irritation. Prolonged contact may cause skin irritation or even a burn.
Health effects - ingestion	Significant oral exposure is considered to be unlikely. However this product may be irritating to mucus membranes
Health effects - inhalation	In confined or poorly ventilated areas vapours can readily accumulate and can lead to unconsciousness or death

\*IMMEDIATELY CALL A PHYSICIAN\*

#### 5. FIRE FIGHTING MEASURES

Extinguishing media	Water fog or fine spray is the preferred medium for large fires
Special hazards	High temperatures may generate hazardous decomposition products which may be toxic if inhaled.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use proper protective equipment
Environmental precautions	Runoff or dilution water may be corrosive
Small spills	Using water, flush to sewer. Can be neutralized before flushing to sewer.
Large Spills	Dike or dam large spills. Pump to containers or soak up on inter absorbent. Using Water, flush residue to sewer


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**7. HANDLING AND STORAGE**

Suitable material	Store in original container with a resistant liner.
Loading/unloading precautions	Wear protective equipment
Handling/storage precautions	Wear protective equipment. Avoid contact with skin, eyes and mucous membranes. Minimize spray mists/vapors. Store in cool, dry well ventilate place

**8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

Personal protection- respiratory	Avoid breathing mists or vapors of this product
Personal protection - eyes	Wear chemical splash goggles. For continued or severe exposure wear a face shield over goggles.
Personal protection - skin	Wear any industrial rubber gloves, synthetic apron, other protective equipment as necessary to prevent skin contact
Other	Access to emergency eye wash and shower is recommended

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Clear colourless liquid
Odor	Ether like odour
pH	No data available
Specific Gravity	1.55 (20°C)
Solubility - water	.15g/L at 20°C
Flammability	Not Flammable
Flash point	Boils without flashing
Melting point	Data lacking
Boiling point	→ 120°C


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### 10. STABILITY AND REACTIVITY

Conditions to avoid	Avoid direct sunlight or ultraviolet sources. Avoid open flames, welding arcs or other temperature sources which induce thermal decomposition
Stability	Stable under normal conditions of use and handling
Hazardous decomposition products	High temperature may generate hazardous decomposition products including Carbon Dioxide

### 11. TOXICOLOGICAL INFORMATION

Acute exposure	Major route of absorption is through the lung
Chronic exposure	Can cause severe headaches
Carcinogenicity	This product is not classified as carcinogenic when handled as recommended
Mutagenicity	This product is not classified as mutagenic.
Neurotoxicity	Headache can occur
Reproductive hazards	This product is not expected to impair fertility.

### 12. ECOLOGICAL INFORMATION

General	The solvents in this product display very slow degradation and responsible users will be very careful to avoid spillages.
Aquatic	Contamination of Aquatic systems should be avoided.
Biodegradability	This product is biodegradable over time
Bio-accumulation	This product contains no substance expected to bio-accumulate.

### 13. DISPOSABLE CONSIDERATIONS

Unused products are corrosive, consult local authorities for limits on chemical waste disposal

### 14. TRANSPORT INFORMATION

UN No.	1897
Packing Group	III
Class	3



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**15. REGULATORY INFORMATION****RISH PHRASES**

R40	Limited evidence of carcinogenic effect
R51	Toxic to aquatic organisms
R53	May cause long term effects to the aquatic environment

**SAFETY PHRASES**

S3	Keep in a cool place
S7	Keep container tightly closed
S9	Keep container in a well ventilated place
S36	Wear suitable protective clothing
S37	Wear suitable gloves
S57	Use appropriate container to avoid environmental contamination
S60	This material and its container must be disposed of as hazardous waste

**16. OTHER INFORMATION**

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, No WARRANTY, EXPRESS OR IMPLIED, IS MADE TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

Rev. no.	Rev. date	Reason for revision	Responsible person
0	09/05/2019	First issue in 16-point format	Richard Gaddi


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