

## MATERIAL SAFETY DATA SHEET

### I Product Identification

**Product Name** : Electric Cleaner  
**Reference No** : Norchem EC 565

### II Composition/Information on Ingredients

Ingredient	CAS No	Percent
Chlorinated Hydrocarbon	71-55-6	85%
White Spirit		15%

### III Hazards Identification

Harmful

#### Potential Health Effects.

**Inhalation** Vapours may cause drowsiness and dizziness (R67), In cases of severe exposure, anesthesia may develop, In cases of severe exposure, chronic pneumonitis may develop

**Ingestion** The ingestion of significant quantities may cause nausea/vomiting, Harmful: may cause lung damage if swallowed (R65)

**Skin Contact** Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

**Eye Contact** Causes irritation

### IV First Aid Measures

**Inhalation** Remove patient to fresh air. Keep warm and at rest, in a half upright position. Loosen clothing. Seek medical attention if ill effects occur

**Ingestion** Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention. If vomiting occurs turn patient on side. Give water or milk to drink. Obtain immediate medical attention

**Skin Contact** Remove contaminated clothing. Wash affected area with plenty of soap and water. Contaminated clothing should be laundered before reuse. Seek medical attention if irritation persists

**Eye Contact** If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes. Irrigate eyes thoroughly whilst lifting eyelids. Seek medical attention if irritation persists

## V Fire Fighting Measures

**Fire Extinguishing Media** Use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)

**Special Information** Decomposition products may include carbon oxides. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback.

## VI Accidental Release Measures

**Personal Precautions** Wear protective clothing

**Environmental Precautions** Do not allow to enter public sewers and watercourses

**Immediate Actions** Use appropriate containment to avoid environmental contamination (S57)

**Clean Up Actions** Absorb spillage in inert material and shovel up. Ventilate the area and wash spill site after material pick-up is complete

**Special Precautions** Wear protective clothing. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback. Wear suitable respiratory protection.

## VII Handling and Storage

**Handling** Wear protective clothing. During fumigation/spraying wear suitable respiratory equipment (S42). Avoid contact with skin and eyes (S24/25). Eyewash bottles should be available

**Storage** Keep container tightly closed, in a cool, well ventilated place (S3/7/9). Keep away from open flames, hot surfaces and sources of ignition.

## VIII Exposure Controls/Personal Protection

**Exposure Limits** TLV (TWA) 275 mg/m<sup>3</sup>

**Exposure Controls** No special ventilation is required unless the product is used in a spray form. The undiluted product must not be used in a confined space without good ventilation

**Occupational Exposure Controls** Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended). Respiratory protection may be required under exceptional circumstances when excessive air contamination exists. Wear approved respirator if exposure likely to exceed MEL/OES

## IX Physical and Chemical Properties

Appearance	Clear, easy flowing liquid
Flash Point	None
TLV	100ppm
Odour	Characteristic sweetish odour
Stability	2 years when stored under sealed cover
Specific Gravity	1.35
Vapour Density	Heavier than air

## X Stability and Reactivity

<b>Stability</b>	This article is considered stable under normal conditions
<b>Conditions to avoid</b>	Avoid overheating, Keep away from naked flames, incandescent or hot surfaces

## XI Toxicological Information

LD50 (oral, rat) >2000 mg/kg  
LD50 (dermal) : >2000 mg/kg  
LC50 (inhalation) : >5 mg/l/4h

## XII Ecological Information

<b>Ecotoxicity</b>	Low toxicity to fish LC50 (rainbow trout) >1000 mg/l (96 hr)
<b>Mobility</b>	Insoluble in water
<b>Persistence and Biodegradability</b>	Biodegradability 67 % (OECD 301F)
<b>Bioaccumulation Potential</b>	Low bioaccumulation potential
<b>Other Adverse Effects</b>	No environmental problems are expected when the product is used / handled correctly. In its intended use, the product will not be released into the environment.

## XIII Disposal Considerations

Do not discharge into drains or the environment, dispose to an authorized waste collection point. Disposal should be in accordance with local, state or national legislation.

#### **XIV Transport Information**

##### **Domestic (Land, D.O.T.)**

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**Proper Shipping Name:** TRICHLOROETHYLENE

**Hazard Class:** 6.1

**UN/NA:** UN1710

Packing Group: III

**Information reported for product/size:** 4L

##### **International (Water, I.M.O.)**

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**Proper Shipping Name:** TRICHLOROETHYLENE

**Hazard Class:** 6.1

**UN/NA:** UN1710

Packing Group: III

**Information reported for product/size:** 4L

#### **XV Regulatory Information**

**Risk Phrases** Harmful: may cause lung damage if swallowed (R65). Repeated exposure may cause skin dryness or cracking (R66)

**Safety Phrases** Do not breathe vapour/fumes (S23). Avoid contact with skin (S24). Wear suitable gloves and eye/face protection (S37/39). If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label (S62)

#### **XVI Other Information**

**R65:** Harmful: may cause lung damage if swallowed.

**R66:** Repeated exposure may cause skin dryness or cracking.

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