# SAFETY DATA SHEET
# CLEENOL WINDOW CLEANER SPECIAL

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

### 1.1. Product identifier

**Product name** CLEENOL WINDOW CLEANER SPECIAL

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

**Identified uses** Cleaning agent.

### 1.3. Details of the supplier of the safety data sheet

**Supplier**

Cleenol Group Ltd
Neville House
Beaumont Road
Banbury
Oxon OX16 1RB
UK
Tel : +44 (0)1295 251721
Fax : +44 (0)1295 269561
sales@cleenol.co.uk

**Manufacturer**

Cleenol Group Ltd
Neville House
Beaumont Road
Banbury
Oxon OX16 1RB
UK
Tel : +44 (0)1295 251721
Fax : +44 (0)1295 269561
sales@cleenol.co.uk

### 1.4. Emergency telephone number

**Emergency telephone** Emergency contact number (9am to 5pm Monday to Friday excluding bank holidays): 01295 251721 ask for technical, quoting the product name.
Emergency Action: In the event of a medical enquiry involving this product outside of these hours, please contact your doctor or local hospital accident and emergency department or the NHS enquiry service (dial 111) again quoting product name and where applicable present this MSDS to the medical professional.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification (EC 1272/2008)**

**Physical hazards** Flam. Liq. 2 - H225

**Health hazards** Eye Irrit. 2 - H319

**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** -

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## 2.2. Label elements

**Pictogram**

**Signal word** Danger

**Hazard statements**
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

**Precautionary statements**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical equipment.
P243 Take action to prevent static discharges.
P264 Wash contaminated skin thoroughly after handling.
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.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/ container in accordance with national regulations.

## 2.3. Other hazards

**Other Hazards** None

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

**ETHANOL** **5-10%**

CAS number: 64-17-5 EC number: 200-578-6 REACH registration number: 01-2119457610-43-XXXX

| Classification | Classification (67/548/EEC or 1999/45/EC) |
|---|---|
| Flam. Liq. 2 - H225<br>Eye Irrit. 2 - H319 | F;R11 |

**2-(2-BUTOXYETHOXY)ETHANOL** **1-5%**

CAS number: 112-34-5 EC number: 203-961-6

| Classification | Classification (67/548/EEC or 1999/45/EC) |
|---|---|
| Eye Irrit. 2 - H319 | Xi;R36 |

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| METHANOL | <1% |
|---|---|
| CAS number: 67-56-1 | EC number: 200-659-6 |

| Classification | Classification (67/548/EEC or 1999/45/EC) |
|---|---|
| Flam. Liq. 2 - H225<br>Acute Tox. 3 - H301<br>Acute Tox. 3 - H311<br>Acute Tox. 3 - H331<br>STOT SE 1 - H370 | F;R11 T;R23/24/25,R39/23/24/25 |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Inhalation** Rinse nose and mouth with water. Get medical attention if any discomfort continues.

**Ingestion** Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

**Skin contact** Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

**Eye contact** Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

**Inhalation** May cause respiratory irritation.

**Ingestion** May cause irritation.

**Skin contact** May cause skin irritation.

**Eye contact** May cause eye irritation.

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

**Specific treatments** Seek medical attention if irritation or symptoms persist. Symptomatic treatment

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with foam, carbon dioxide, dry powder or water fog.

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

**Specific hazards** Burning may produce irritating, toxic and obnoxious fumes.
Oxides of Carbon, Nitrogen and Sulphur.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Avoid or minimise the creation of any environmental contamination.

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

**Methods for cleaning up** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

**Reference to other sections** See section 3,8 & 13 for further information

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

**Storage class** Chemical storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

**Occupational exposure limits**

**ETHANOL**

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³
Short-term exposure limit (15-minute): WEL

**METHANOL**

Long-term exposure limit (8-hour TWA): WEL 200 ppm(Sk) 266 mg/m3(Sk)
Short-term exposure limit (15-minute): WEL 250 ppm(Sk) 333 mg/m3(Sk)
WEL = Workplace Exposure Limit

**Ingredient comments** WEL = Workplace Exposure Limits

### 8.2. Exposure controls

**Protective equipment**

**Eye/face protection** Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. The following protection should be worn: Chemical splash goggles or face shield.

**Hand protection** Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374.

**Other skin and body protection** Wear appropriate clothing to prevent any possibility of skin contact.

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**Hygiene measures** Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

**Appearance** Liquid.

**Colour** Blue.

**pH** 4-6

**Flash point** No specific test data are available.

### 9.2. Other information

**Other information** None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** No test data specifically related to reactivity available for this product or its ingredients.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None known.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

**Materials to avoid** None known.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire creates: Carbon monoxide (CO). Carbon dioxide ($CO_2$).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Inhalation** Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Liquid may irritate skin.

**Eye contact** Irritating to eyes.

## SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment.

### 12.1. Toxicity

**Toxicity** The product is not believed to present a hazard due to its physical nature.

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### 12.2. Persistence and degradability

**Persistence and degradability** The product is biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not known.

### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

### 14.1. UN number

**UN No. (ADR/RID)** 1993

**UN No. (IMDG)** 1993

**UN No. (ICAO)** 1993

**UN No. (ADN)** 1993

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** FLAMMABLE LIQUID, N.O.S. (Ethanol)

**Proper shipping name (IMDG)** FLAMMABLE LIQUID, N.O.S. (Ethanol)

**Proper shipping name (ICAO)** FLAMMABLE LIQUID, N.O.S. (Ethanol)

**Proper shipping name (ADN)** FLAMMABLE LIQUID, N.O.S. (Ethanol)

### 14.3. Transport hazard class(es)

**ADR/RID class** 3

**ADR/RID classification code** F1

**ADR/RID label** 3

**IMDG class** 3

**ICAO class/division** 3

**ADN class** 3

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**Transport labels**

## 14.4. Packing group

| | |
|---|---|
| **ADR/RID packing group** | III |
| **IMDG packing group** | III |
| **ADN packing group** | III |
| **ICAO packing group** | III |

## 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**
No.

## 14.6. Special precautions for user

| | |
|---|---|
| **EmS** | F-E, S-E |
| **ADR transport category** | 3 |
| **Emergency Action Code** | •3Y |
| **Hazard Identification Number (ADR/RID)** | 30 |
| **Tunnel restriction code** | (D/E) |

## 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

## SECTION 15: Regulatory information

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

| | |
|---|---|
| **National regulations** | The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). |
| **Guidance** | Workplace Exposure Limits EH40.<br>CHIP for everyone HSG228.<br>Safety Data Sheets for Substances and Preparations<br>Approved Classification and Labelling Guide (Sixth edition) L131. |

## 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

## SECTION 16: Other information

| | |
|---|---|
| **Revision date** | 28/09/2017 |
| **Revision** | 7 |
| **Supersedes date** | 11/05/2017 |
| **SDS number** | 20913 |

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**Hazard statements in full**

H225 Highly flammable liquid and vapour.
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H370 Causes damage to organs .