



Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II as amended by Regulation EU2015/830

**SAFETY DATA SHEET**  
**Air-clear AC Multi purpose cleaner and coil disinfectant**

**SECTION 1: Identification of the substance/mixture and of the Company/Undertaking**

**1. Product Identifier**

**Product Name** : Air-clear AC Multi purpose cleaner and coil disinfectant  
**Product Code** : AMS750 (750ml trigger) and AS5000 (5 Litre)  
**Product Description** : AC Surface cleaner and disinfectant  
**Product Type** : Liquid

**2. Relevant Identified Users of the substance or mixture and uses advised against**

**Product Use** : Biocide intended as a general purpose surface cleaner and disinfectant

**Area of Application** : Premises where surfaces require cleaning/disinfecting

**3. Details of the Supplier of the Safety Data Sheet**

Gel-clear Ltd. 145 Bolton Rd, Darwen, Lancs. BB3 1DF

Head Office : +44 (0) 844 330 3643  
e-mail address of person  
responsible for this SDS: paerrick@gel-clear.co.uk

**1.4 Emergency Telephone Number:** +44 (0) 7974317398

**SECTION 2: Hazards Identification**

**2.1 Classification of the substance or mixture**

**Product Definition** : Mixture

**Classification according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures**

The evaluation undertaken pursuant to Article 9 and Article 12 shows that the hazards associated with the substance or mixture do not meet the criteria for classification in one or more hazard classes or differentiations in Parts 2 to 5 of Annex 1 as no substance is present in the mixture at > 0.092%:

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1.1.2. **Specific concentration limits, M-factors and generic cut-off values**

1.1.2.1. Specific concentration limits or M-factors shall be applied in accordance with Article 10.

1.1.2.2. **Cut-off values**

1.1.2.2.1. Cut-off values indicate when the presence of a substance needs to be taken into account for the purposes of classification of a substance or a mixture containing that hazardous substance, whether as an identified impurity, additive, or individual constituent (see Article 11).

1.1.2.2.2. The cut-off values referred to in Article 11 shall be the following:

Table 1.1  
**Generic cut-off values**

Hazard class	Generic cut-off values to be taken into account
<b>Acute Toxicity:</b>	
— Category 1-3	0,1 %
— Category 4	1 %
Skin corrosion/Irritation	1 % (*)
Serious damage to eyes/eye irritation	1 % (*)
<b>Hazardous to Aquatic Environment</b>	
— Acute Category 1	0,1 % (*)
— Chronic Category 1	0,1 % (*)
— Chronic Category 2-4	1 %

**2.2 Label Elements**

**Hazard symbols** : None

**Precautionary Statements** : P102      Keep out of the reach of children  
: P103      Read label before use  
: P273      Avoid release to the environment  
: **P301/305**      **IF SWALLOWED OR IN EYES:**  
: P330      *Rinse with fresh water*  
: P312      *Contact a Doctor/Medical professional if you feel unwell or symptoms arise/persist*  
: P411      Store at room temperature  
: P501      Dispose of contents/container in accordance with local guidelines

**2.3 Other Hazards**

Other hazards which do not result in classification : Not available

**SECTION 3: Composition/information on ingredients**

**Substance/Mixture** : Mixture

The substance is a mixture of water, quaternary ammonium compounds, polymeric hexamethyl biguanide and a surfactant. No single active ingredient is present at a concentration in excess of 0.092% so there is no requirement to disclose them under current EU regulations:

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COMMISSION REGULATION (EU) 2015/830  
of 28 May 2015

amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

1.2. Mixtures

The product identifier, the concentration or concentration ranges and the classifications shall be provided for at least all substances referred to in points 1.2.1 or 1.2.2. Suppliers of mixtures may choose to list in addition all substances in the mixture, including substances not meeting the criteria for classification. This information shall enable the recipient to identify readily the hazards of the substances in the mixture. The hazards of the mixture itself shall be given in Section 2.

1.2.2. For a mixture not meeting the criteria for classification in accordance with Regulation (EC) No 1272/2008, substances present in an individual concentration equal to or greater than the following concentrations shall be indicated, together with their concentration or concentration range:

- (a) 1 % by weight in non-gaseous mixtures and 0.2 % by volume in gaseous mixtures for:
  - (i) substances which present a health or environmental hazard within the meaning of Regulation (EC) No 1272/2008; or
  - (ii) substances for which Union workplace exposure limits have been assigned;
- (b) 0.1 % by weight for substances which are persistent, bioaccumulative and toxic in accordance with the criteria set out in Annex XIII, very persistent and very bioaccumulative in accordance with the criteria set out in Annex XIII, or included in the list established in accordance with Article 19(1) for reasons other than the hazards referred to in point (a).

**SECTION 4: First Aid Measures**

**4.1 Description of First Aid Measures**

No special measures required. As a general rule, in case of doubt or if symptoms persist, call a Doctor.

**Emergency Overview :**

**Physical State** : Liquid (Clear), Colourless & Peppermint Fragrance  
**Routes of Exposure** : Eyes, Skin Contact, Inhalation, Ingestion  
**Eye Contact** : Immediately rinse open eyes with fresh, clean water for several minutes  
**Skin Contact** : Generally the product will not irritate the skin  
**Inhalation** : No special measures required, though if irritation occurs, breathe in fresh air  
**Ingestion** : If swallowed, wash out mouth with water. Call a doctor if symptoms persist

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

**Potential acute health effects**

**Eye Contact** : No known significant effects or critical hazards  
**Skin Contact** : No known significant effects or critical hazards  
**Inhalation** : No known significant effects or critical hazards  
**Ingestion** : No known significant effects or critical hazards

**Over exposure signs/symptoms**

**Eye Contact** : Adverse symptoms may include mild irritation, watering or redness  
**Skin Contact** : No signs or symptoms  
**Inhalation** : No specific data



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**Ingestion** : No specific data

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

See above. No specific treatments

### SECTION 5: Firefighting Measures

#### 5.1 Extinguishing Media

Use dry chemical powder, CO<sub>2</sub>, water spray or foam appropriate to environment at time of application

#### 5.2 Special Hazards arising from the mixture

No dangerous substances are released

#### 5.3 Advice for Firefighters

This is a water based product presenting no unusual hazards. No special measures beyond normal appropriate protective equipment

### SECTION 6: Accidental Release Measures

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

None required

#### 6.2 Environmental Precautions

No special measures required

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

May be left to dry naturally or dry with absorbent towel to avoid any slippage

### SECTION 7: Handling and Storage

#### 7.1 Precautions for safe handling

No special measures required but follow instructions for use on product label

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

Store upright away from direct sunlight at room temperature & below 40°C. Do not allow to freeze. Keep out of reach of children

### SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The user is responsible for following instructions and using safely

#### 8.1 Control Parameters

Occupational exposure limits have not been set for the ingredients within this mixture

#### 8.2 Exposure Controls

##### **Engineering Controls**

Ensure any spillage is dried away to avoid slipping

##### **Personal Protective Equipment**

**Eye Protection** : Not normally required

**Skin Protection** : Not normally required

**Body Protection** : Not normally required

**Respiratory Protection**: Not normally required

### SECTION 9: Physical & Chemical Properties

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

**Appearance** : Liquid, Colourless

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<b>Odour</b>	: Characteristic
<b>Odour Threshold</b>	: Not available
<b>pH</b>	: 7 – 10.5
<b>Melting/Freezing point</b>	: Not available/0°C
<b>Boiling Point/Range</b>	: 100°C
<b>Flash Point</b>	: Not applicable
<b>Evaporation Rate</b>	: Not available
<b>Flammability</b>	: Not self inflammable
<b>Explosive Limits</b>	: Lower limit 0.9% (Vol %)
<b>Vapour Pressure</b>	: Not available
<b>Vapour Density</b>	: Not available
<b>Relative Density</b>	: ca 1g/cm <sup>3</sup> (@ 20°C)
<b>Solubility/Miscibility</b>	: Fully miscible
<b>Partition coefficient</b>	: Not available
<b>Auto-ignition temp</b>	: Not available
<b>Decomposition temp</b>	: Not available
<b>Viscosity</b>	: Non-viscous
<b>Explosive Properties</b>	: Product does not present an explosion hazard.
<b>Oxidising Properties</b>	: Not available

**9.2 Other Information**

No additional information

**SECTION 10: Stability and reactivity**

<b>10.1 Reactivity</b>	: None known
<b>10.2 Chemical stability</b>	: Stable under recommended storage conditions
<b>10.3 Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions won't occur
<b>10.4 Conditions to Avoid</b>	: Do not mix with other chemicals
<b>10.5 Incompatible materials</b>	: Strong oxidising agents and acids
<b>10.6 Hazardous decomposition products</b>	: None known

**SECTION 11: Toxicological Information**

The substance is not subject to classification according to the latest version of the EU list. When used and handled according to specifications, the product does not have any harmful effect according to our experience and the information provided to us.

<b>Toxicity</b>	: Non toxic at concentration levels
<b>Irritation</b>	: No irritant effect
<b>Sensitisation</b>	: No sensitising effects known
<b>General</b>	: No known significant effects or critical hazards
<b>Carcinogenicity</b>	: No known significant effects or critical hazards
<b>Mutagenicity</b>	: No known significant effects or critical hazards
<b>Teratogenicity</b>	: No known significant effects or critical hazards
<b>Developmental Effects</b>	: No known significant effects or critical hazards
<b>Fertility Effects</b>	: No known significant effects or critical hazards
<b>Other Information</b>	: Not available

**SECTION 12: Ecological Information**



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- 12.1 Toxicity** : Non toxic at concentration levels  
**12.2 Persistence and degradability** : The active ingredients are biodegradable up to the MIC for bacteria  
**12.3 Bioaccumulative potential** : No bioaccumulation potential  
**12.4 Mobility in Soil** : Readily absorbed into soil  
**12.5 Results of PBT & vPvB assessment** : Not applicable  
**12.6 Other adverse effects** : No known significant effects or hazards

## SECTION 13: Disposal Considerations

The information in this section contains generic advice and guidance.

### **Product**

Disposal should at all times comply with the requirements of environmental protection, waste disposal legislation and any local authority requirements. Small amounts of surplus solution may be diluted with plenty of water and washed away.

### **Packaging**

Disposal should at all times comply with the requirements of environmental protection, waste disposal legislation and any local authority requirements. Waste packaging and product containers should be recycled wherever possible so incineration or landfill should only be considered where recycling is not feasible. The container should be disposed of safely.

## SECTION 14: Transport Information

No special transport arrangements necessary.

## SECTION 15: Regulatory Information

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

#### **EU Regulations (EC) No. 1907/2006 REACH**

##### ***Annex XIV Substances of very high concern***

None of the ingredients are listed

##### ***Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles***

Not applicable

#### **Notification Status**

All ingredients within the mixture are identified as existing under Biocidal Products Regulation (BPR, Regulation (EU) 528/2012)

#### **Other EU Regulations**

- Black List Chemicals** : Not listed  
**Priority List Chemicals** : Not listed  
**IPPC – Air/Water** : Not listed  
**Chemical Weapons Convention List** : Not listed

### 15.2 Chemical Safety Assessments

Chemical safety assessments for all substances in this product are either Complete or Not Applicable



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**Section 16: Other Information**

**Requirement to produce a Safety Data Sheet for this product**

As this product is not classified as hazardous, dangerous, persistent, bio-cumulative or toxic it is not mandatory to supply a safety data sheet unless requested by the end user for which purpose this document has been produced

**Classification according to Regulation (EC) No. 1272/2008**

The mixture does not meet the criteria for classification as hazardous

**Classification according to Dangerous Preparations Directive (EC) No. 1999/45/EC**

The mixture does not meet the criteria for classification as dangerous

<b>Precautionary Statements</b>	: P102	Keep out of the reach of children
	: P103	Read label before use
	: <b>P301/305</b>	<b>IF SWALLOWED OR IN EYES:</b>
	: P330	<i>Rinse with fresh water</i>
	: P312	<i>Contact a Doctor/Medical professional if you feel unwell or symptoms arise/persist</i>
	: P411	Store at room temperature
	: P501	Dispose of contents/container in accordance with local guidelines

**Date of previous issue :** 8<sup>th</sup> January 2014 (Revision 3)

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. All materials may present unknown hazards and should be used with caution so this document does not purport to be all inclusive. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The document does not form a legally binding contractual relationship and the company shall not be held liable for any damage resulting from contact with the product as final determination of suitability of any material is the sole responsibility of the user.