



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date: 28.11.2017

Version: 8

Revision: 28.11.2017

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

**1.1 Product identifier**

Trade name: **Fresh Wave® IAQ Gel**

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

No further relevant information available.

Application of the substance / the mixture Odour neutralising agent

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**

APPLIED CHEMICALS International AG  
Neubadstrasse 7  
CH - 4054 Basel

Tel: +41 (61) 28282-80

Fax: +41 (61) 28282-89

**Further information obtainable from:**

International Business Support  
datasheet@acat.com

**1.4 Emergency telephone number:** Poisons Information Service Munich Tel: +49 (0) 89 19 240 (24h)

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 The product is not classified according to the CLP regulation.

**2.2 Label elements**

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

**Additional information:**

Contains d-limonene. May produce an allergic reaction.  
Safety data sheet available on request.

**2.3 Other hazards**

**Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

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

**3.2 Chemical characterisation: Mixtures**

Description: Blend of essential oils

Dangerous components: Void

Additional information: For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**After inhalation:** Supply fresh air; consult doctor in case of complications.

**After skin contact:** Precautionary wash with soap and water.

**After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting.

If symptoms persist consult a doctor.

**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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- . **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- . **5.1 Extinguishing media**
- . **Suitable extinguishing agents:** CO<sub>2</sub>, fire-extinguishing powder, foam
- . **5.2 Special hazards arising from the substance or mixture**  
Product forms slippery surface when combined with water.  
Formation of toxic gases is possible during heating or in case of fire.
- . **5.3 Advice for firefighters**
- . **Protective equipment:**  
As for all fires involving chemicals: chemical protection suit, suitable gloves, boots and self contained breathing apparatus.

### SECTION 6: Accidental release measures

- . **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- . **6.2 Environmental precautions:** No special measures required.
- . **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Wash residues away with plenty of water.
- . **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- . **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- . **Information about fire - and explosion protection:** No special measures required.
- . **7.2 Conditions for safe storage, including any incompatibilities**
- . **Storage:**
- . **Requirements to be met by storerooms and receptacles:**  
Freezing will affect the physical condition and may damage the material.
- . **Information about storage in one common storage facility:** Not required.
- . **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- . **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- . **Additional information about design of technical facilities:** Ensure good ventilation/exhaustion at the workplace.
- . **8.1 Control parameters**
- . **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- . **Additional information:** The lists valid during the making were used as basis.
- . **8.2 Exposure controls**
- . **Personal protective equipment:**
- . **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
Wash hands before breaks and at the end of work.  
Do not eat, drink or smoke while working.
- . **Respiratory protection:** Not required.
- . **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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**. Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**. Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**. Eye protection:** Goggles recommended during refilling**. Body protection:** Light weight protective clothing

### SECTION 9: Physical and chemical properties

**. 9.1 Information on basic physical and chemical properties****. General Information****. Appearance:**

Form: Viscous

Colour: Whitish

. Odour: Aromatic

. pH-value: Not determined.

**. Change in condition**

Initial boiling point and boiling range: Not applicable.

. Flash point: nonflammable

. Auto-ignition temperature: Product is not selfigniting.

. Explosive properties: Product does not present an explosion hazard.

. Density: Not determined.

**. Solubility in / Miscibility with**

water: insoluble, may absorb water

. 9.2 Other information No further relevant information available.

### SECTION 10: Stability and reactivity

. 10.1 Reactivity No hazardous reaction when the rules / instructions for storage and handling are observed.

**. 10.2 Chemical stability**

. Thermal decomposition / conditions to be avoided: Stable under normal conditions.

. 10.3 Possibility of hazardous reactions No dangerous reactions known.

. 10.4 Conditions to avoid Avoid freezing.

. 10.5 Incompatible materials: strong oxidants.

. 10.6 Hazardous decomposition products: No dangerous decomposition products known.

### SECTION 11: Toxicological information

**. 11.1 Information on toxicological effects**

. Acute toxicity Based on available data, the classification criteria are not met.

**. LD/LC50 values relevant for classification:****5989-27-5 d-limonene**

Oral LD50 4400 mg/kg (rat)

**. Primary irritant effect:**

. Skin corrosion/irritation Based on available data, the classification criteria are not met.

. Serious eye damage/irritation Based on available data, the classification criteria are not met.

. Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

. Additional toxicological information: Non-toxic. Large amounts can cause irritation of the gastrointestinal tract.

**. CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

. Germ cell mutagenicity Based on available data, the classification criteria are not met.

. Carcinogenicity Based on available data, the classification criteria are not met.

. Reproductive toxicity Based on available data, the classification criteria are not met.

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- . **STOT-single exposure** Based on available data, the classification criteria are not met.
- . **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- . **Aspiration hazard** Based on available data, the classification criteria are not met.

#### SECTION 12: Ecological information

- . **12.1 Toxicity**
- . **Aquatic toxicity:** No further relevant information available.
- . **12.2 Persistence and degradability** No further relevant information available.
- . **12.3 Bioaccumulative potential** No further relevant information available.
- . **12.4 Mobility in soil** No further relevant information available.
- . **12.5 Results of PBT and vPvB assessment**
- . **PBT:** Not applicable.
- . **vPvB:** Not applicable.
- . **12.6 Other adverse effects** No further relevant information available.

#### SECTION 13: Disposal considerations

- . **13.1 Waste treatment methods**
- . **Recommendation** Disposal must be made according to official regulations.

##### . European waste catalogue

07 07 99	wastes not otherwise specified
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- . **Uncleaned packaging:**
- . **Recommendation:**  
Disposal must be made according to official regulations.  
Packagings that may not be cleansed are to be disposed of in the same manner as the product.

#### SECTION 14: Transport information

. <b>14.1 UN-Number</b>	
. <b>ADR, ADN, IMDG, IATA</b>	Void
. <b>14.2 UN proper shipping name</b>	
. <b>ADR, ADN, IMDG, IATA</b>	Void
. <b>14.3 Transport hazard class(es)</b>	
. <b>ADR, ADN, IMDG, IATA</b>	
. <b>Class</b>	Void
. <b>14.4 Packing group</b>	
. <b>ADR, IMDG, IATA</b>	Void
. <b>14.5 Environmental hazards:</b>	
. <b>Marine pollutant:</b>	No
. <b>14.6 Special precautions for user</b>	Not applicable.
. <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
. <b>UN "Model Regulation":</b>	Void

#### SECTION 15: Regulatory information

- . **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- . **Directive 2012/18/EU**
- . **Named dangerous substances - ANNEX I** None of the ingredients is listed.

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. **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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