

## SAFETY DATA SHEET

EASY FRESH

Page: 1

Compilation date: 20/03/2015

Revision date: 10/03/2017

Revision No: 2.0

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

#### 1.1. Product identifier

**Product name:** EASY FRESH

**Product code:** 091

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

**Use of substance / mixture:** \* Air Conditioning fragrancing gel PC3: Air care products.

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

**Company name:** Advanced Engineering Ltd

Guardian House

Stroudley Road

Basingstoke

Hampshire

RG24 8NL

United Kingdom

**Tel:** +44(0)1256460300

**Fax:** +44(0)1256462266

**Email:** sales@advancedengineering.co.uk

#### 1.4. Emergency telephone number

**Emergency tel:** Advanced Engineering Ltd (24hr) +44 (0)203 394 9889

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CLP:** \* Flam. Aerosol 1: H222; -: EUH208; -: H229

**Most important adverse effects:** Contains fragrance. May produce an allergic reaction. Extremely flammable aerosol.  
Pressurised container: May burst if heated.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** \* EUH208: Contains fragrance. May produce an allergic reaction.

H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated

**Hazard pictograms:** GHS02: Flame



# SAFETY DATA SHEET

EASY FRESH

Page: 2

**Signal words:** Danger

**Precautionary statements:** \* P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P280: Wear eye protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

## 2.3. Other hazards

**Other hazards:** \* In use, may form flammable / explosive vapour-air mixture. Heating may cause an explosion.

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

\* Hazardous ingredients:

ISOBUTANE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-857-2	75-28-5	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	30-50%

BUTANE

203-448-7	106-97-8	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	30-50%
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PROPANE

200-827-9	74-98-6	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	10-30%
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ETHANOL

200-578-6	64-17-5	Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225	1-10%
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FRAGRANCE

-	-	-	-	<1%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 5 minutes. Consult a doctor.

[cont...]

# SAFETY DATA SHEET

EASY FRESH

Page: 3

**Ingestion:** Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours. If unconscious, check for breathing and apply artificial respiration if necessary. If conscious, ensure the casualty sits or lies down. Consult a doctor.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** It is unlikely that this substance will be swallowed due to its physical properties. There may be irritation of the throat.

**Inhalation:** There may be a feeling of tightness in the chest with shortness of breath.

**Delayed / immediate effects:** Immediate effects can be expected after long-term exposure.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

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

**Exposure hazards:** Extremely flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** \* Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Remove all incompatible materials as outlined in section 10 of SDS.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** \* Do not use equipment in clean-up procedure which may produce sparks. Clean-up

[cont...]

# SAFETY DATA SHEET

EASY FRESH

Page: 4

should be dealt with only by qualified personnel familiar with the specific substance.  
Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Avoid all incompatible materials in clean-up procedure - see section 10 of SDS. Wash the spillage site with large amounts of water.

## 6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Smoking is forbidden. Use non-sparking tools. Ensure there is sufficient ventilation of the area. Do not handle in a confined space.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** \* PC3: Air care products. Air Conditioning fragrancing gel

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**ISOBUTANE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	2400 mg/m <sup>3</sup>	9600 mg/m <sup>3</sup>	-	-

**BUTANE**

UK	1450 mg/m <sup>3</sup>	1810 mg/m <sup>3</sup>	-	-
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**PROPANE**

UK	1800 mg/m <sup>3</sup>	7200 mg/m <sup>3</sup>	-	-
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**ETHANOL**

UK	1920 mg/m <sup>3</sup>	-	-	-
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### DNEL/PNEC Values

**DNEL / PNEC** No data available.

[cont...]

# SAFETY DATA SHEET

EASY FRESH

Page: 5

## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses with side-shields. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Environmental:** Prevent from entering in public sewers or the immediate environment.

## Section 9: Physical and chemical properties

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

**State:** Aerosol

**Colour:** Colourless

**Odour:** Pleasant

**Flash point°C:** < -40

**Autoflammability°C:** 410 - 580

### 9.2. Other information

**Other information:** Not applicable.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Direct sunlight. Heat. Hot surfaces. Sources of ignition. Flames.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

[cont...]

# SAFETY DATA SHEET

EASY FRESH

Page: 6

## Hazardous ingredients:

### ETHANOL

IVN	RAT	LD50	1440	mg/kg
ORL	MUS	LD50	3450	mg/kg
ORL	RAT	LD50	7060	mg/kg

**Toxicity values:** No data available.

## Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** It is unlikely that this substance will be swallowed due to its physical properties. There may be irritation of the throat.

**Inhalation:** There may be a feeling of tightness in the chest with shortness of breath.

**Delayed / immediate effects:** Immediate effects can be expected after long-term exposure.

**Other information:** Not applicable.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** The biodegradability of the surfactants contained in this product are in accordance with the requirements of the EU Detergent Regulation (EC/648/2004). Biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** \* Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations:** \* Recycling/reclamation of metals and metal compounds. Recovery of components used for pollution abatement.

[cont...]

# SAFETY DATA SHEET

EASY FRESH

Page: 7

**Waste code number:** \* 16 03 03

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN1950

### 14.2. UN proper shipping name

**Shipping name:** AEROSOLS

### 14.3. Transport hazard class(es)

**Transport class:** 2

### 14.4. Packing group

### 14.5. Environmental hazards

**Environmentally hazardous:** No

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** D

**Transport category:** 2

## Section 15: Regulatory information

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

**Specific regulations:** \* Regulation (EC) No 1272/2008 of the European Parliament and of the Council of the 16th December 2008 on Classification, labeling and packaging of Substances and Mixtures. The biodegradability of the surfactants contained in this product are in accordance with the requirements of the EU Detergent Regulation (EC/648/2004).

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

[cont...]

## SAFETY DATA SHEET

EASY FRESH

Page: 8

**Phrases used in s.2 and s.3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H225: Highly flammable liquid and vapour.

H229: Pressurised container: May burst if heated

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.