



This form has been prepared according to According to Regulation (EU) No 453/2010

PRODUCT NAME:270 ML ALIVE  
PREPARATION DATE : 25.11.2015  
MSDS NO : KZM-710  
REVISION : 01/01/2017

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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name : 46305 - Air Sanitiser Refill Mandarin

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

Identified uses Air freshener.  
Uses advised against No specific uses advised against are identified.

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

Trust Hygiene Services Limited, Principle House  
Leamore Lane  
Bloxwich  
Walsall  
West Midlands  
WS2 7PS

Email: sales@trusthygiene.co.uk  
www.trusthygiene.com

Telephone: 0370 3500 966

Emergency Numbers: Mon - Fri Office 9am-5pm 0370 3500 988 111 NHS - Out of office hours

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)  
Physical and Chemical Hazards Flam. Aerosol 1 - H222-H229

Human health Not classified.

Environment Not classified.

Classification (1999/45/EEC) F+;R12

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

### 2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



Signal Word Danger

## SECTION 2: HAZARDS IDENTIFICATION

### Hazard Statements

- H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.

### Precautionary Statements

- P102 . Keep out of reach of children  
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P211. Do not spray on an open flame or other ignition source  
P251 Pressurized container: Do not pierce or burn, even after use.  
P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F

### 2.3. Other hazards

This product does not contain any PBT or vPvB substances

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS #	%by Weight	SYMBOLS	RISK PHRASES	RISK PHRASES
				(EC 67/548/EEC)	Classification (EC 1272/2008)
Ethyl Alcohol	64-17-5	19.67	F	R11	H225
Parfum	N/A	7.50	Xi, N	R43-51/53	H334-411
Propellant	68512-91-4	73.33	F+	R12	H220

## SECTION 4- FIRST AID MEASURE

- INGESTION :Rinse mouth with water. Do not induce vomiting.Obtain medical advise.
- INHALATION :Remove the person to fresh air and keep at rest in a comfortable position. Obtain medical advise.
- SKIN CONTACT It will be irritating to underarm after epilation.
- EYE CONTACT :Rinse the eyes with penty fo water. If symptoms develop or persist consult a doctor

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Extinguishing media  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media  
DO NOT use water if avoidable

#### SECTION 5: FIREFIGHTING MEASURES

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

Unusual Fire & Explosion Hazards  
Aerosol cans may explode in a fire.

##### Specific hazards

In case of fire, toxic gases may be formed. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

##### 5.3. Advice for firefighters

##### Special Fire Fighting Procedures

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours. Avoid breathing fire vapours. Move container from fire area if it can be done without risk. Be aware of danger for fire to restart. Dike and collect extinguishing water.

##### Protective equipment for fire-fighters

Face mask, protective gloves and safety helmet. Self contained breathing apparatus and full protective clothing must be worn in case of fire

#### SECTION 6- ACCIDENTAL RELEASE MEASURES

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

For personal protection, see section 8. Do not smoke, use open fire or other sources of ignition.

##### 6.2. Environmental precautions

Outside of normal use, avoid release to the environment.

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

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. COLLECT

##### 6.4. Reference to other sections

For personal protection, see section 8.  
For waste disposal, see section 13.

#### SECTION 7- HANDLING AND STORAGE

##### 7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Eliminate all sources of ignition. Do not eat, drink or smoke when using the product. Protect against direct sunlight

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

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Keep away from heat, sparks and open flame. Protect against physical damage and/or friction. Do not store near heat sources or expose to high temperatures.

##### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2

#### SECTION 8- EXPOSURE CONTROLS AND PERSONEL PROTECTION

**Hand protection**

No special requirements.

**Eye protection**

No special requirements. Avoid contact with eyes.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

**Skin protection**

No special requirements.

**Engineering measures**

Provide adequate general and local exhaust ventilation

#### SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Spray liquid.

**Colour** Opaque.

**Odour** Depends on essence smells.

**pH CONC.SOLUTION** ~ 6,5-8,5

**Vapour pressure** Not available.

**Partition Coefficient  
(N-Octanol/Water)** Not available

**9.2. Other information**

No information required

#### SECTION 10- STABILITY AND REACTIVITY

**10.1. Reactivity**

There are no known reactivity hazards associated with this product.

**10.2. Chemical stability**

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions

**10.3. Possibility of hazardous reactions**

Unknown.

#### SECTION 10- STABILITY AND REACTIVITY

##### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

##### 10.5. Incompatible materials

Materials To Avoid

Strong acids. Strong oxides.

##### 10.6. Hazardous decomposition products

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### SECTION 11- TOXICOLOGICAL INFORMATION

##### Inhalation

May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea.

##### Ingestion

May cause nausea, headache, dizziness and intoxication.

##### Skin contact

Skin irritation is not anticipated when used normally.

##### Eye contact

May cause temporary eye irritation

##### Route of entry

Inhalation

##### Toxicological information on ingredients

##### ETHANOL (CAS: 64-17-5)

Acute Toxic Dose 1 – LD 50 6200 mg/kg (oral - rat)

Acute Toxic Dose 2 – LD 50 7060 mg/kg (oral - rat)

Acute Toxic Conc. – LC 50 124.7 mg/l 4h (inh.- rat)

#### SECTION 12- ECOLOGICAL INFORMATION

##### Ecotoxicity

Not regarded as dangerous for the environment

##### ETHANOL (CAS: 64-17-5)

LC 50, 96 Hrs, Fish 11000 mg/l *Alburnus alburnus*

EC 50, 48 Hrs, *Daphnia* 3715-6772 mg/l

IC 50, 72 Hrs, Algae 9310 mg/l *Chlorella pyrenoidosa*

#### SECTION 13-DISPOSAL CONSIDERATIONS

##### General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product

##### 13.1. Waste treatment methods

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements. Environmental manager must be informed of all major spillages.

**SECTION 14- TRANSPORT INFORMATION**

**14.1. UN number**

UN No. (ADR/RID/ADN)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

**14.2. UN proper shipping name**

Proper Shipping Name AEROSOLS

**14.3. Transport hazard class(es)**

ADR/RID/ADN	Class 2.1
ADR/RID/ADN	Class Class 2: Gases.
ADR Label No.	2.1
IMDG Class	2.1
ICAO Class/Division	2.1

Transport Labels



**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant  
No.

**14.6. Special precautions for user**

EMS F-D, S-U  
Tunnel Restriction Code (D)

**SECTION 14- TRANSPORT INFORMATION**

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No information required

**SECTION 15 REGULATORY INFORMATION**

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

**Uk Regulatory References**

Highly Flammable Liquid Regulations 1972.

**Approved Code Of Practice**

Classification and Labelling of Substances and Preparations Dangerous for Supply.

**Guidance Notes**

Workplace Exposure Limits EH40.  
Introduction to Local Exhaust Ventilation HS(G)37.  
CHIP for everyone HSG(108).

#### SECTION 15 REGULATORY INFORMATION

##### EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. System of specific information relating to Dangerous Preparations. 2001/58/EC.

##### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out

#### SECTION 16- OTHER INFORMATION

##### Risk Phrases In Full

R12 Extremely flammable.  
R11 Highly flammable.  
R43 May cause sensitisation by skin contact  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

##### Hazard Statements In Full

H220 Extremely flammable gas.  
H222 Extremely flammable aerosol.  
H225 Highly flammable liquid and vapour.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H411 Toxic to aquatic life with long lasting effects

##### Disclaimer

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