



Manufacturers of Insette Hair Care, Household & Toiletry Products  
Phone: 0151 734 1411  
Email: [sales@insette.com](mailto:sales@insette.com) Website: [www.insette.com](http://www.insette.com)

### 1.1 Product And Company Identification

**Product Information:** Insette Spring Flowers Air freshener

**UFI Numbers:** N610-E0C2-5001-ACVE

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

**Use and substance /mixture:** Air freshener

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

**Company name:** L.E.C. (L`pool) Ltd.,  
Alfred Street,  
Wavertree,  
Liverpool.  
L15 4LH  
Tel: +44 (0)151 734 1411  
Email: [steve@insette.com](mailto:steve@insette.com)

### 1.4. Emergency telephone number

**Emergency tel:** +44(0)151 734 1411

Managing Director: M.P. Johnson, C.O.O: S.C. Daly  
Directors: L.M. Blackhurst, D.D. Dwyer,  
Address: LEC House, Alfred Street, Wavertree, Liverpool, L15 4LH  
Registered in England – Company No. 1256061 VAT No. GB166 3941 43 – DPN: Z9943154

## **Section 2: Hazards identification**

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

**Classification under CLP:** Danger extremely flammable aerosol

**Most important adverse effects:** Extremely flammable  
May cause an allergic skin reaction

### **2.2 Label elements**

**Hazard statements:** H222: Danger: extremely flammable aerosol.

**Signal words:** Danger

**Hazard pictograms:** GHS02: Flame



**Hazard Statements:** H222 Extremely flammable aerosol.

**Precautionary statements:**

- P234 Keep only in original container.
- P260 Do not breathe vapour/ spray.
- P264 Wash contaminated skin thoroughly after handling.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTER/ doctor.
- P321 Specific treatment (see medical advice on this label).
- P363 Wash contaminated clothing before reuse.
- P390 Absorb spillage to prevent material damage.
- P501 Dispose of contents/ container in accordance with national regulations.
- P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C.

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### 2.3. Other hazards.

Heating may cause an explosion which may cause a fire. Risk of explosion if heated.

Reactions with the following materials may generate heat: Strong acids.

## **Section 3:**

### **Composition/information on ingredients**

#### **3.2 Mixtures**

#### **Hazardous ingredient:**

Ingredient	EINECS	CAS	Reach number	CLP Classification	Percent
Sodium Nitrite	231-555-9	7632-00-0	01-2119471836-27	H272, H301, H400	0.0 -0.1%
Parfum(Fragrance)	n/a	n/a	Exempt	H315, H317, H319, H361, H411	0.1 -1.0%
PETROLEUM GASES, LIQUIFIED	270-704-2	68476-85-7	Exempt	H220; H280 Flammable Gas, Category 1	25 -50%

## **Section 4:**

### **First aid measures**

#### **4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the effected skin with running water for 10 minutes if substance is still on skin.

**Eye contact:** Bathe the eye with running water for about 15 minutes. If symptoms persist seek medical advice.

**Ingestion:** Do not induce vomiting. Wash out mouth with water. Give 1 cup of water to drink every 10 minutes. If symptoms persist seek medical advice.

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**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. If symptoms persist seek medical advice.

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

**General Information:** The severity of the symptoms described will vary dependant on the concentration and length of exposure.

**Skin contact:** Prolonged contact may cause irritation and redness at the site of contact.

**Eye contact:** May cause irritation and redness.

**Ingestion:** No specific symptoms known, but may cause discomfort if swallowed.

**Inhalation:** In high concentration may cause breathing difficulties.

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

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

None.

### Section 5:

#### Fire-fighting measures

##### 5.1. Extinguishing media.

**Extinguishing media:** Use water spray to cool containers.

Carbon dioxide.

Dry chemical powder.

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

**Exposure hazards:** Extremely flammable.

### 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. Fight fire remotely due to possible exploding aerosol containers.

## Section 6

### Accidental release measures

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

**Personal precaution:** Wear protective clothing, gloves eye and face protection. Eliminate all sources of ignition. Evacuate the area immediately.

#### 6.2. Environmental precautions

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

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

**Clean-up procedures:** Absorb into dry earth or sand. Dispose of according to the Local Authority Regulations.

#### 6.4. Reference to other sections: None.

## Section 7:

### Handling and storage

#### 7.1. Precaution for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Smoking is forbidden. Pressurised container: Do not pierce or burn, even after use.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep away from sources of ignition. Keep out of direct sunlight.

**Suitable packaging:** As supplied aerosol containers.

#### 7.3. 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**

##### **Hazard ingredients:**

##### **Workplace exposure limits:**

<b>Sodium Nitrite</b>		
Location	8 hour TWA	15 min. STEL
UK	Inhalation; Long term systemic effects: 2 mg/m <sup>3</sup>	Inhalation; Short term systemic effects: 2 mg/m <sup>3</sup>

<b>Parfum (Fragrance)</b>		
Location	8 hour TWA	15 min. STEL
UK	Not applicable	Not applicable

<b>PETROLEUM GASES LIQUIFIED</b>		
Location	8 hour TWA	15 min. STEL
UK	1750mg mg/m <sup>3</sup>	2180mg mg/m <sup>3</sup>

#### **8.2. Exposure Control**

**Engineering measures:** Ensure there is sufficient ventilation of the area, ensure lighting and electrical equipment are not a source of ignition. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Respiratory protection:** Gas/vapour filter, type A: organic Vapours (EN141).

**Hand protection:** Use protective gloves to specification EN1149-5 compliant.

**Eye protection:** Tightly fitting safety goggles.

**Skin protection:** Protective clothing.

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

**Section 9:**

**Physical and chemical properties**

**9.1. Physical and chemical properties**

Physical State	Aerosol
Appearance(Aerosol)	Spray
Odour	Characteristic of variant
Ph	6.0 -8.0
Melting Point/Freezing Point	No data available
Boiling Point/Range	N/A (Aerosol)
Flash Point	-40°C
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Upper/Lower Flammability	No data available
Vapour Pressure	4.0 bar @20°C
Specific Gravity	0.780 -0.800
Water Solubility	Very soluble
Solubility Other Solvents	No data available
Partition Coefficient: n-octanol/water	No data available
Auto-Ignition Temperature	No data available
Viscosity	No data available
Explosive Properties	No data available
Oxidising Properties	No data available

**9.2. Other information:** No data available.

**Section 10:**

**Stability and reactivity**

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

**10.2. Chemical stability:** Stable under normal conditions. Stable at room temperature.

**10.3. Possibility of hazardous reaction:** Hazardous reaction will not occur under normal transport or storage conditions.

**10.4. Conditions to avoid:** Temperatures exceeding 50°C. should not be stored for long periods above 25°C.

**10.5. Incompatible materials:** None known.

**10.6. Hazardous decomposition products:** In combustion emits fumes of carbon dioxide/carbon monoxide.

## **Section 11**

### **Toxicological information**

#### **11.1. Information on toxicological effects**

##### **Symptoms/routes of exposure**

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

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

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

Acute Toxicity;	No known effect
Skin Corrosion/Irritation;	No known effect
Serious Eye Damage/Irritation;	No known effect
Respiratory Or Skin Sensitisation;	No known effect
Germ Cell Mutagenicity;	No known effect
Carcinogenicity;	No known effect
Reproductive Toxicity;	No known effect
STOT-Single Exposure;	No known effect



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STOT-Repeated Exposure;	No known effect
Aspiration Hazard;	No known effect

## 12. ECOLOGICAL INFORMATION

**Product:** The product itself has not been tested.

**Toxicity:** The ingredients in this formula have been reviewed and no adverse impact to the environment is to be expected when used according to label directions.

Toxicity to fish					
Component	CAS	End Point	Species	Value	Exposure Time
Sodium Nitrite	7632-00-0	LC50	Oncorhynchus mykiss (Rainbow trout)	0.54 mg/l	96 hours
Parfum	N/A	N/A	Very toxic to aquatic life with long lasting effects.		
Liquified petroleum gas	68476-85-7	LC50	Physical properties indicate that petroleum gases will rapidly volatilise from the aquatic environment and that acute and chronic effects would not be observed in practice.		

Toxicity to aquatic invertebrates				
Component	CAS	End Point	Species	Value
Sodium Nitrite	7632-00-0	EC50	Daphnia magna	48 hours: 15.4 mg/l 96 hours: 4.93 mg/l
Parfum	N/A			No information available.
Liquified petroleum gas	68476-85-7	Physical properties indicate that petroleum gases will rapidly volatilise from the aquatic environment and that acute and chronic effects would not be observed in practice.		

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Toxicity to aquatic plants					
Component	CAS	End Point	Species	Value	Component
Sodium Nitrite	7632-00-0	EC50	Scenedesmus subspicatus	72 hours: > 100 mg/l	
Parfum	N/A			No information available.	
Liquified petroleum gas	68476-85-7	No information available.	No information available.	Physical properties indicate that petroleum gases will rapidly volatilise from the aquatic environment and that acute and chronic effects would not be observed in practice.	

Persistence and degradability		
Component	CAS	Biodegradation
Sodium Nitrite	7632-00-0	The product contains mainly inorganic substances which are not biodegradable.
Parfum	N/A	No information available.
Liquified petroleum gas	68476-85-7	Expected to be readily biodegradable. Oxidises rapidly by photo chemical reactions in air.

Bio accumulative Potential			
Component	CAS	Bio concentration factor (BCF)	Partition coefficient
Sodium Nitrite	7632-00-0	The product is not bio accumulating.	
Parfum	N/A	Not available.	
Liquified petroleum gas	68476-85-7	Not expected to bio accumulate significantly.	

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<b>Mobility</b>		
<b>Component</b>	<b>CAS</b>	<b>End point</b>
Sodium Nitrite	7632-00-0	The product is soluble in water.
Parfum	N/A	Not available.
Liquified petroleum gas	68476-85-7	Because of their extreme volatility, air is the only environmental compartment that hydrocarbon gases will be found.

<b>PBT and vPvB assessment</b>		
<b>Component</b>	<b>CAS</b>	<b>Results</b>
Sodium Nitrite	7632-00-0	This substance is not classified as PBT or vPvB according to current EU criteria.
Parfum	N/A	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
Liquified petroleum gas	68476-85-7	The substance does not fulfil all screening criteria for persistence, bioaccumulation and toxicity and hence is not considered to be PBT or vPvB.

**Other adverse effects:** None known.

### **Section 13:**

#### **Disposal considerations**

##### **13.1. Waste treatment methods**

**Disposal operations:** Dispose of as per the Local Authority Regulations.

### **Section 14: Transport information**

Classified as dangerous goods for carriage under road/rail/sea/air regulations. This product is packed in accordance with the Limited Quantity Provisions of CDG, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the Limited Quantities requirements of these regulations.

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**14.1. UN number:** UN1950

**14.2. UN proper shipping name:** AEROSOLS

**14.3. Transport hazard class(es):** 2.1

**14.4 Packing group:** None allocated

**14.5. Environmental hazards**

**Environmentally hazards:** No

**Marine pollutant:** No

**14.6. Special precautions for user:** See section 8 for safe handling.

## **Section 15: Regulatory information**

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

### **EU legislation.**

The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. Ingredients are listed with classification under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

**15.2. Chemical safety assessment:** No chemical safety assessment has been carried out as not applicable as this product is a mixture.

## **Section 16: Other information**

**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.

### **Key literature references and sources for data**

Material Safety Data Sheet, miscellaneous manufacturers.

**SDS status:** The hazard statements listed below in this section No 16 relate to the raw materials (ingredients) in the product (as listed in section 3) and NOT the product itself. For the hazard statements relating to this product see section 2.

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**Hazard statements in full:** H222 Extremely flammable gas.  
H222 Extremely flammable aerosol.  
H229 Pressurised container. May burst if heated.  
H226 Flammable liquid and vapour.  
H272 May intensify fire; oxidiser.  
H280 Contains gas under pressure; may explode if heated.  
H304 May be fatal if swallowed and enters airways.  
H301 Toxic if swallowed, in contact with skin or if inhaled.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.  
H361 Suspected of damaging fertility or the unborn child.  
H319 Causes serious eye irritation.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.  
H410 Very toxic to aquatic life with long lasting effects.  
H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.

## Abbreviations & Acronyms

**ADN:** European Agreement Concerning the International Carriage of Dangerous Goods by Inland waterways

**ADR:** European Agreement Concerning the International Carriage of Dangerous Goods by Road

**CAS:** Chemical Abstract Service Number

**CDG:** The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations

**CLP:** Classification Labelling & Packaging Regulation (EC No. 1272/2008)

**COMAH:** Control of Major Accident Hazards

**DSEAR:** The Dangerous Substances and Explosive Atmospheres Regulations

**EH40:** Workplace exposure limits -Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations

**EINECS:** European Inventory of Existing Commercial Chemical Substances

**EN: European Standard**

**GHS:** Global Harmonised System of Classification and Labelling of Chemicals

**IMDG:** International Maritime Dangerous Goods Code

**OEL:** Occupational Exposure Limit

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# Insette

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**PBT:** Persistent Bio accumulative and Toxic

**vPvB:** Very Persistent and Very Bio accumulative

**PPE:** Personal Protective Equipment

**PSSR:** The Pressure Systems Safety Regulations

**REACH:** Registration, Evaluation, Authorisation and Restriction of Chemicals

**RID:** Regulations Concerning the International Carriage of Dangerous Goods by Rail

**RIDDOR:** Reporting of Injuries, Diseases and Dangerous Occurrences Regulations

**STEL:** Short-Term Exposure Limit

**TWA:** Time-Weighted Averages

**WEL:** Workplace Exposure Limit

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