

# Group - Safety Data Sheet

P+L Systems®  
Washroom

according 91/155/EEC

Data-Sheet-No.: 100001

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Trading Name: P+L Systems Washroom

Previous Revision: 28.05.2008

Last Revision: 26.08.2011

Print Date: 26.08.2011

## 1. Identification Of The Product And Of The Company

### 1.1 Company/Undertaking Identification

Supplier: P+L Systems Ltd  
Ten St James Business Park  
Grimbald Crag Court  
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### 1.2 Trading Name

P+L Systems Washroom Concept Air Fresheners, P+L Systems Washroom Classic Air Fresheners,  
P+L Systems Washroom Fruits and Flavours Air Fresheners, P+L Systems Washroom Precious Air Fresheners,  
P+L Systems Washroom Micro Air Fresheners, P+L Systems Washroom Seasonal Air Fresheners

## 2. Composition/Information On Ingredients

**Character:** Erzeugnis

Content [%]	EINECS/ ELINCS	Substance	Symbol	R-Phrases
5 - 10	200-661-7	propane-2-ol	F Xi	R 11 R 36 R 67
10 - 15	200-578-6	ethanol	F	R 11
60 - 70	270-990-9	propane/butane	F+	R 12

propane/butane (CAS# 68512-91-4) contains less than 0,1 % 1,3-butadiene (CAS# 106-99-0)

## 3. Hazards Identification

No, if used in accordance with instructions.

## 4. First-Aid Measures

**General** If symptoms persist, call a doctor.

**Inhalation:** In case of inhalation, affected person should be moved into fresh air and kept still and warm.

**Eye Contact:** On contact with the eyes, rinse with plenty of water for 15 minutes.

**Skin Contact:** Before and after work and after skin contact, treat with skin care cream.  
On contact with the skin, wash off with: Water and soap.

**Ingestion:** Not applicable for aerosol cans.

**Further Data:** First aid, decontamination, symptomatic treatment.

## 5. Fire-Fighting Measures

**General:**

Vapours/aerosols can form an explosive mixture with air.  
Heat causes increase in pressure and risk of bursting.

**Extinguishing Measures:**

Water spray jet, powder, foam, carbon dioxide. No full water jet.  
Cool endangered containers or product with water spray jet.

**6. Accidental Release Measures****Spill Into Atmosphere:**

Knock down product vapours and mists with water spray jet.

**Spill Into Drainage System, Surface Or Ground Water:**

Do not allow to enter drains/surface waters/groundwater.  
Retain contaminated firefighting water.

**Spill Into Earth:**

Pick up with absorbent material.  
Dispose of in compliance with official regulations

**7. Handling and Storage**

Keep out of the reach of children.

Observe rules of 75/324/EEC.

**8. Exposure Controls / Personal Protection**

Component	Value
propane-2-ol	500 ml/m <sup>3</sup> (ppm)
ethanol	1000 ml/m <sup>3</sup> (ppm)
propane/butane	1000 ml/m <sup>3</sup> (ppm)

**9. Physical And Chemical Properties****9.1 Appearance**

**Appearance:** aerosol can

**Colour:** white aerosol

**Odour:** characteristic

**vapour pressure at 20°C:** < 5.000 hPa

**50 °C** < 10.000 hPa

**9.2 Safety Relevant Data**

	Value	Measure	Remark
pH-value of the substance:			
solution (10 %):			not applicable
temperature of ignition: ~ 400 °C			propane/butane
lower explosion limit: 1,5 Vol. %			propane/butane
higher explosion limit: 15,0 Vol. %			ethanol
vapour pressure (20°C): < 5000 hPa			
(50°C): < 10000 hPa			pressure inside the can
density: ~ 0,8 g/ml			
Solubility in water: not soluble			Solubility in organic solvents: mixeable
mixeable			mixeable

**10. Stability and Reactivity**

If ventilation is not sufficient, may form flammable/explosive vapour-air mixture.

Heat causes increase in pressure and risk of bursting.

**11. Toxicological Information**

may causes sensibility by skin contact

## **12. Ecological Information**

Do not allow to enter surface waters/groundwater.

## **13. Disposal Considerations**

Completely emptied packages may be recycled.

Disposal in compliance with official regulations. Waste code of container with content: 160504 dangerous materials containing gases in container under pressure .

## **14. Transport Information**

UN-Nr.: 1950                      Aerosols

contains: propane/butane; ethanol; propane-2-ol

### **14.1 Land Transport (ADR/GGVS, RID/GGVE)**

Class: 2                      Classification Code: 5F

Letter: 2.1

Special Rules: 190, 625

### **14.2 Marine Transport (IMDG)**

Class: 2    P003 ; EMS F-D, S-U ; marine pollutant: no ; proper shipping name: Aerosols, flammable n.o.s.

### **14.3 Air Transport (ICAO/IATA)**

Class: 2.1 Aerosols, flammable n.o.s.

## **15. Regulatory Information**

### **15.1 Labelling According To EC-Guidelines**

#### **Symbol Of Danger**



Extremely flammable.

#### **Product Contains:**

propane/butane; ethanol; propane-2-ol

#### **R-Phrases**

R 12: Extremely flammable.

R 67: Vapours may cause drowsiness and dizziness.

#### **S-Phrases**

S 2: Keep out of the reach of children.

S 16: Keep away from sources of ignition - No smoking.

S 23: Do not breathe vapour/spray.

### **15.2 Additional Rules To Characterize**

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.

Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

Keep away from sources of ignition - No smoking. Keep out of the reach of children.

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## **16. Additional Information:**

### **Instruction For Use:**

Air Fresheners

### **Full Text Of R Sentences At Point 2**

R 11            Highly flammable.  
R 12            Extremely flammable.  
R 36            Irritating to eyes.  
R 67            Vapours may cause drowsiness and dizziness.

**This information is based in our present knowledge. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.**