



## SAFETY DATA SHEET (Aerosol) Blast bubble gum

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

#### 1.1. Product identifier

**Product name** (Aerosol) Blast bubble gum

**Product number** A221-2

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

**Identified uses** Air Freshener

**Uses advised against** For professional use only. This product is not recommended for any industrial, professional or consumer use other than the Identified uses above.

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

**Supplier** Autosmart International Ltd  
Lynn Lane,  
Shenstone, nr Lichfield  
Staffordshire. WS14 0DH  
England  
www.autosmartinternational.com  
Tel: +44 (0) 1543 481616 (09:00 - 17:00)  
Fax: +44 (0) 1543 481549 (09:00 - 17:00)  
info@autosmartinternational.com

**Contact person** Mr. Russell Butler

#### 1.4. Emergency telephone number

**Emergency telephone** Mob: +44 (0) 7808 971321 (24hrs)  
Tel: +44 (0) 1543 481616 (09:00 - 17:00)  
Fax: +44 (0) 1543 481549 (09:00 - 17:00)

If you urgently need medical help or advice but it's not a life-threatening situation, call 111 free from any phone to speak to an NHS adviser. The 24-hour NHS 111 service can give you healthcare advice or direct you to the local service that can help you best.

The NHS 111 service will also be available via the harmonised European number for medical advice 116 117

**National emergency telephone number** Biroul pentru Regulamentul Sanitar International si Informare Toxicologica.Tel.021 318 36 06.Apelabil intre 08.00 - 1600 NÁRODNÝ Toxikologické informačné stredisko .Telefón +421 2 5477 4166

### SECTION 2: Hazards identification

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

##### Classification

**Physical hazards** Aerosol 1 - H222, H229

**Health hazards** Eye Irrit. 2 - H319

**(Aerosol) Blast bubble gum**

**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** F+;R12. R67.

**Physicochemical** Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable and may ignite in the air at normal temperature and pressure. Explosive vapour/air mixtures may be spontaneously formed. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

**2.2. Label elements****Pictogram**

**Signal word** Danger

**Hazard statements**  
 H222 Extremely flammable aerosol.  
 H229 Pressurised container: may burst if heated  
 H319 Causes serious eye irritation.

**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.  
 P264 Wash contaminated skin thoroughly after handling.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Supplementary precautionary statements** P337+P313 If eye irritation persists: Get medical advice/attention.

**2.3. Other hazards**

This product does not contain any substances classified as PBT or vPvB.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

<b>PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS</b>		<b>60-100%</b>
CAS number: 68476-85-7	EC number: 270-704-2	REACH registration number: Exempt - Article 2(7)(b)
Substance with a Community workplace exposure limit.		
<b>Classification</b> Flam. Gas 1 - H220 Press. Gas, Liquefied - H280	<b>Classification (67/548/EEC or 1999/45/EC)</b> F+;R12.	

**(Aerosol) Blast bubble gum**

<b>PROPAN-2-OL</b>		<b>15-20%</b>
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25-xxxx
Substance with a Community workplace exposure limit.		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Flam. Liq. 2 - H225	F;R11 Xi;R36 R67	
Eye Irrit. 2 - H319		
STOT SE 3 - H336		

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

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>General information</b>	Keep affected person away from heat, sparks and flames.
<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Prolonged skin contact may cause redness and irritation.
<b>Eye contact</b>	May cause temporary eye irritation.

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

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	Extinguish with the following media: Powder. Alcohol-resistant foam. Carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

## (Aerosol) Blast bubble gum

<b>Specific hazards</b>	Containers can burst violently or explode when heated, due to excessive pressure build-up. Fire creates: Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO). Nitrous gases (NO <sub>x</sub> ). Containers can burst violently or explode when heated, due to excessive pressure build-up. The product is highly flammable.
<b>Hazardous combustion products</b>	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
<b>5.3. Advice for firefighters</b>	
<b>Protective actions during firefighting</b>	Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours. Be aware of danger of explosion. Fight advanced or massive fires from safe distance or protected location.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

**Personal precautions** For personal protection, see Section 8.

#### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.

#### 6.4. Reference to other sections

**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

**Usage precautions** Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Read and follow manufacturer's recommendations. During application and drying, solvent vapours will be emitted. Eliminate all sources of ignition.

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

**Storage precautions** Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Keep away from heat, sparks and open flame. Pressurised container: Must not be exposed to temperatures above 50°C. Keep container dry. Store in closed original container at temperatures between 5°C and 30°C.

**Storage class** Flammable compressed gas storage.

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

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

## (Aerosol) Blast bubble gum

### 8.1. Control parameters

#### Occupational exposure limits

#### **PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS**

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m<sup>3</sup>

#### **PROPAN-2-OL**

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### PROPAN-2-OL (CAS: 67-63-0)

<b>DNEL</b>	Industry - Inhalation; Long term systemic effects: 500 mg/m <sup>3</sup> Consumer - Dermal; Long term systemic effects: 319 mg/kg/day Consumer - Oral; Long term systemic effects: 26 mg/kg/day Consumer - Inhalation; Long term systemic effects: 89 mg/m <sup>3</sup> Industry - Dermal; Long term systemic effects: 888 mg/kg/day
<b>PNEC</b>	- Fresh water; 140.9 mg/l - Marine water; 140.9 mg/l - Intermittent release; 140.9 mg/l - Sediment (Freshwater); 552 mg/kg - Sediment (Marinewater); 552 mg/kg - STP; 2251 mg/l - Soil; 28 mg/kg

### 8.2. Exposure controls

#### Protective equipment



#### **Appropriate engineering controls**

Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

#### **Eye/face protection**

Not relevant.

#### **Hand protection**

No specific hand protection recommended. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Neoprene. Nitrile rubber. Polyethylene. Polyvinyl chloride (PVC). It should be noted that liquid may penetrate the gloves. Frequent changes are recommended.

#### **Other skin and body protection**

Wear appropriate clothing to prevent repeated or prolonged skin contact.

#### **Hygiene measures**

Provide eyewash station. Do not smoke in work area. When using do not eat, drink or smoke. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated.

#### **Respiratory protection**

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

## (Aerosol) Blast bubble gum

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Aerosol. Clear liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Fruity.
<b>Odour threshold</b>	Not available. Not available.
<b>pH</b>	Not applicable. Not applicable.
<b>Melting point</b>	~ 0°C
<b>Initial boiling point and range</b>	~100°C @ 760 mm Hg
<b>Flash point</b>	< -20°C Not specified.
<b>Evaporation rate</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 1.8 % Upper flammable/explosive limit: 9.5 %
<b>Vapour pressure</b>	590 - 1760 kPa @ °C
<b>Vapour density</b>	1.5 - 2.1
<b>Relative density</b>	1.000 @ (20°C)°C
<b>Solubility(ies)</b>	Immiscible with water.
<b>Partition coefficient</b>	: 2.3 - 2.8
<b>Auto-ignition temperature</b>	410°C
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not determined.
<b>Oxidising properties</b>	Not applicable.
<b>Comments</b>	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

#### 9.2. Other information

**Volatile organic compound** This product contains a maximum VOC content of 564 g/litre.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended. Avoid the following conditions: Heat, sparks, flames. Shocks and physical damage.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not applicable. Will not polymerise.

#### 10.4. Conditions to avoid

## (Aerosol) Blast bubble gum

**Conditions to avoid** Avoid exposing aerosol containers to high temperatures or direct sunlight. Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

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

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Nitrous gases (NO<sub>x</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Other health effects** There is no evidence that the product can cause cancer.

**General information** Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

**Inhalation** Vapour may irritate respiratory system/lungs. Vapours may cause drowsiness and dizziness.

**Ingestion** May cause discomfort if swallowed. No harmful effects expected from quantities likely to be ingested by accident.

**Skin contact** May cause defatting of the skin but is not an irritant.

**Eye contact** Vapour or spray in the eyes may cause irritation and smarting.

**Acute and chronic health hazards** Because of the product's quantity and composition, the health hazard is regarded as low. No specific acute or chronic health impact noted, but this chemical may still have adverse impact on human health, either in general or on certain individuals with pre-existing or latent health problems.

**Route of entry** Inhalation

**Medical symptoms** No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

### Toxicological information on ingredients.

#### PROPAN-2-OL

**Other health effects** There is no evidence that the product can cause cancer.

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,840.0

**Species** Rat

#### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 16.4

**Species** Rabbit

#### Respiratory sensitisation

**Respiratory sensitisation** Not sensitising.

**(Aerosol) Blast bubble gum****Skin sensitisation**

**Skin sensitisation** Not sensitising.

**Inhalation** Drowsiness, dizziness, disorientation, vertigo.

**Ingestion** No specific health hazards known.

**Skin contact** No specific health hazards known.

**Eye contact** Irritating to eyes.

**SECTION 12: Ecological Information**

**Ecotoxicity** The product contains a substance which is very toxic to aquatic organisms.

**Ecological information on ingredients.****PROPAN-2-OL**

**Ecotoxicity** The product is not expected to be hazardous to the environment.

**12.1. Toxicity**

**Acute toxicity - fish** Not determined.

**Acute toxicity - aquatic invertebrates** Not determined.

**Acute toxicity - aquatic plants** Not determined.

**Acute toxicity - microorganisms** Not determined.

**Acute toxicity - terrestrial** Not determined.

**Ecological information on ingredients.****PROPAN-2-OL**

**Acute toxicity - fish** LC50, 96 hours, 96 hours: ~ 9640 mg/l, Pimephales promelas (Fat-head Minnow)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, >: > 1000 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours, 72 hours: > 1000 mg/l, Scenedesmus subspicatus

**Acute toxicity - microorganisms** EC<sub>50</sub>, >: > 1000 mg/l, Activated sludge

**12.2. Persistence and degradability**

**Persistence and degradability** The product is biodegradable. Volatile substances are degraded in the atmosphere within a few days. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

**Ecological information on ingredients.**



**(Aerosol) Blast bubble gum****PROPAN-2-OL**

<b>Persistence and degradability</b>	The product is expected to be biodegradable.
<b>Biodegradation</b>	Degradation (%) - 95: 21 days
<b>Biological oxygen demand</b>	~ 1171 g O <sub>2</sub> /g substance
<b>Chemical oxygen demand</b>	~ 2294 g O <sub>2</sub> /g substance

**12.3. Bioaccumulative potential**

<b>Bioaccumulative potential</b>	The product does not contain any substances expected to be bioaccumulating.
<b>Partition coefficient</b>	: 2.3 - 2.8

**Ecological information on ingredients.****PROPAN-2-OL**

<b>Bioaccumulative potential</b>	The product is not bioaccumulating.
<b>Partition coefficient</b>	log Pow: 0.05

**12.4. Mobility in soil**

<b>Mobility</b>	The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.
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**Ecological information on ingredients.****PROPAN-2-OL**

<b>Mobility</b>	The product is soluble in water.
<b>Adsorption/desorption coefficient</b>	Soil - Koc: ~ 1.1 @ °C
<b>Henry's law constant</b>	0.00000338 atm m <sup>3</sup> /mol @ 25°C

**12.5. Results of PBT and vPvB assessment**

<b>Results of PBT and vPvB assessment</b>	This product does not contain any substances classified as PBT or vPvB.
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**Ecological information on ingredients.****PROPAN-2-OL**

<b>Results of PBT and vPvB assessment</b>	This substance is not classified as PBT or vPvB according to current EU criteria.
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**12.6. Other adverse effects**

<b>Other adverse effects</b>	Not applicable.
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**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

## (Aerosol) Blast bubble gum

**General information** Do not puncture or incinerate, even when empty. Empty aerosols should be recycled where facilities exist. Full or part full aerosols should be disposed of as hazardous waste in accordance with local authority requirements.

**Disposal methods** Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses. Packaging: Reuse or recycle products wherever possible.

### SECTION 14: Transport information

#### 14.1. UN number

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

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID) AEROSOLS, flammable

Proper shipping name (IMDG) AEROSOLS, flammable

Proper shipping name (ICAO) AEROSOLS, flammable

Proper shipping name (ADN) AEROSOLS, flammable

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

ADR/RID class	2.1
ADR/RID label	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)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Annex II of MARPOL 73/78 and the IBC Code

**(Aerosol) Blast bubble gum****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

<b>National regulations</b>	Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.
<b>EU legislation</b>	Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). 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 (as amended).
<b>Water hazard classification</b>	WGK 2

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**SECTION 16: Other information**

<b>General information</b>	This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems. Only trained personnel should use this material.
<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Issued by</b>	Prepared by Autosmart International Ltd, Lynn Lane, Shenstone, Lichfield, Staffordshire, WS14 0DH, Great Britain. www.autosmartinternational.com rbutler@autosmart.co.uk Tel +44 (0)1543 481616
<b>Revision date</b>	24/09/2015
<b>Revision</b>	9
<b>Supersedes date</b>	15/10/2012
<b>SDS status</b>	Approved.
<b>Risk phrases in full</b>	R11 Highly flammable. R12 Extremely flammable. R36 Irritating to eyes. R67 Vapours may cause drowsiness and dizziness.
<b>Hazard statements in full</b>	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H229 Pressurised container: may burst if heated H280 Contains gas under pressure; may explode if heated. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.