



# Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II (453/2010) - Europe

## Arpax A2

Issue 2T  
Revision 23 April 2015

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

#### 1.1 Product Identifier

Product Name	Arpax A2
Product Codes	1049 1232 1590

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

Identified Uses of the substance/mixture	Air Freshener Concentrate. Professional Use.
Uses advised against	None Identified

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

Manufacturer/Distributor	RP Adam Ltd Arpal Works Riverside Road Selkirk, TD7 5DU UK	Tel.	+44 (0) 1750 21586
		Fax.	+44 (0)1750 21506
		email	Salesinfo@rpadam.co.uk

#### 1.4 Emergency Telephone Number

National Advisory Body/Poison Centre	
Tel.	National Poison Information Service 0870 243 2241 (UK Only) (0870 600 6266 Medical Professionals Only – UK Only)
Manufacturer/ Distributor/ Importer	
Telephone number:	+ 44 (0)1750 21586

### 2 Hazards Identification

#### 2.1 Classification of Substance or mixture

Product Definition	Mixture
--------------------	---------

#### Classification according to Directive 1999/45/EC [DPD]

Classification	Xn	Harmful
Human Health Hazards	R22	Harmful if swallowed
	R41	Risk of serious damage to eyes
	R10	Flammable

#### Classification according to Regulation (EC) No. 1272/2008

Physical Hazards	Flam Liq 3 – H226
Human Health Hazards	Eye Dam 1 – H318 Acute Tox 4 – H302
Environmental Hazards	No Significant Hazard

# Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II (453/2010) - Europe

## Arpax A2

Issue 2T  
Revision 23 April 2015

### 2.2 Label Elements

#### Label Elements (In Accordance With Directive 1999/45/EC [DPD])

Hazard Symbol(s)



Indication of danger

Harmful

Risk Phrases

R22 Harmful if swallowed  
R41 Risk of serious damage to eyes  
R10 Flammable

Safety Phrases

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S37/39 Wear suitable gloves and eye/face protection

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

Pictogram(s)



Signal Word

Danger

Hazard Statements

**Contains** C13-15 Alcohol Ethoxylate 11 EO and C6-C12 Ethoxylated Alkyl Alcohols

H226 Flammable liquid and vapour  
H302 Harmful if swallowed  
H318 Causes serious eye damage  
EUH208 Contains Geranal, Neral and d-para-Mentha-1,8-Diene May produce an allergic reaction

Precautionary statements

Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
P280 Wear protective gloves and eye protection

Response

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 CENTRE or doctor

Storage

P403 + P235 Store in a well-ventilated place. Keep cool.

### 2.3 Other hazards

Other hazards which do not result in classification

Not applicable

# Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II (453/2010) - Europe

## Arpax A2

Issue 2T  
Revision 23 April 2015

### 3 Composition/Information on Ingredients

#### 3.2 Mixtures

Product/Ingredient Name	Identifiers Reach No/CAS/EC No	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
Ethanol	01-2119457610-43/ 64-17-5/ 200-578-6	5-15	F; R11	Flam. Liq. 2 (H225)	1 2
C13-15 Alcohol Ethoxylate 11 EO	Not Available/ 68131-39-5/ Polymer	15-30	Xn; R22, Xi; R41	Not Available	1
3,7-Dimethylocta-2,6-dienylacetate	Not Available/ 105-87-3/ 203-341-5	0.1-1	N: R51/53	Not Available	1
Alpha Terpinol Acetate	Not Available/ 80-26-2/ 201-265-7	1-5	N: R51/53	Not Available	1
d-Limonene	01-2119529223-47/ 5989-27-5/ 201-265-7	0.1-1	Xn; R65 Xi; R38 R43 N; R50/53 R10	Flam. Liq. 3 (H226) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Asp. Tox. 1 (H304) Aquatic Chronic 1 (H410)	1
2,6-dimethyloct-7-en-2-ol	01-2119457274-37/ 18479-58-5/ 242-362-4	1-5	Xi; R38	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	1
C6-C12 Ethoxylated Alkyl Alcohols	Not Available/ 68439-45-2/ Polymer	1-5	Xn; R22 Xi; R41	Not Available	1
Gamma-Undecalactone	Not Available/ 104-67-6/ 203-225-4	0.1-1	N; R51/53	Not Available	1

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section

Type	1	Substance classified with a health or environmental hazard
	2	Substance with a workplace exposure limit
	3	Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
	4	Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

Occupational exposure limits, if available, are listed in Section 8.

### 4 First aid measures

#### 4.1 Description of first aid measures

Eye Contact	Rinse immediately with copious amounts of water for at least 10 minutes, holding the eyelids open. If irritation persists obtain medical advice.
Inhalation	Remove from source of exposure. Seek medical advice if symptoms persist. Exposure by inhalation is unlikely in normal use.
Skin Contact	Flush contaminated area with running water for 10 minutes, remove any contaminated clothing and launder before re-use. If irritation occurs or there is any sign of skin damage seek medical advice.
Ingestion	If conscious, remove product from mouth, give casualty a small quantity of water or milk to drink and seek medical advice. Do not induce vomiting
Protection of First Aider	Wear PPE if appropriate (Refer to section 8.2)

# Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II (453/2010) - Europe

## Arpax A2

Issue 2T  
Revision 23 April 2015

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

#### Symptoms

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Irritations are the most likely symptoms when there is exposure to skin and eyes. Not considered to cause sensitization. Further important symptoms and effects are so far not known.

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

#### Treatment

Treat according to symptoms (decontamination, vital functions). Toxicological information on components, where available, is given in section 11.

## 5 Fire fighting measures

### 5.1 Extinguishing media

Extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog
Unsuitable extinguishing media	None known

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

Hazards from the substance or mixture	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous combustion products	During fire toxic gases, CO and CO <sub>2</sub> are formed

### 5.3 Advice for fire-fighters

Special precautions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	Fire-fighters should wear self-contained breathing apparatus and suitable personal protective equipment as appropriate to the surrounding fire.

## 6 Accidental release measures

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

Do not breathe vapour/spray/mist. Avoid contact with the skin, eyes and clothing. Use personal protective clothing. Information regarding personal protective measures see, section 8.

### 6.2 Environmental precautions

Do not discharge into drains/surface waters/groundwater. Contain contaminated water/fire fighting water.

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

Small spill:	Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.
Large spill	Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. dry sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13).

### 6.4 Reference to other sections

See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

# Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II (453/2010) - Europe

## Arpax A2

Issue 2T  
Revision 23 April 2015

### 7 Handling and storage

#### 7.1 Precautions for safe handling

Keep container tightly closed. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid contact with the skin, eyes and clothing. Contaminated surfaces may be extremely slippery. Clean up spillages. Do not allow to dry. Do not eat, drink or smoke in area where material is used or stored.

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

Protect against heat. Store in original labelled containers. Keep container tightly closed, upright and in a cool place. Keep away from acids. Protect from freezing.

#### 7.3 Specific end use(s)

Recommendations	Not specific advice available.
Industrial sector specific solutions	Not applicable.

### 8 Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational exposure limits

##### Product/ingredient name

Ethanol

##### Exposure limit values

WEL TWA (8 hrs) 1000ppm 1920mgm<sup>-3</sup>

##### Derived effect levels

No DNELs available for the mixture.

##### Predicted effect concentrations

No PNECs available for the mixture.

#### 8.2 Exposure controls

##### Process conditions

Provide eye-wash stations

##### Engineering Measures

The concentrated product is intended to be used via a dispensing system to avoid splashes and contact with the skin. Wear appropriate PPE if contact is possible when connecting to dispenser. If airborne vapours or mists are generated provide adequate general and local exhaust ventilation to keep exposure below any statutory limits.

##### Personal Protective Equipment

Respiratory protection:

Not needed in normal use.

Hand protection

Wear chemical resistant protective gloves (EN 374)

Review condition of gloves when in use, especially for wear, cuts and breakthrough after prolonged contact.

Eye protection

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Body protection:

Wear chemical resistant clothing and boots if exposure/splashing may occur. Other body protection may be suitable depending on activity and possible exposure, e.g. apron, chemical-protection suit (meeting EN 14605).

##### General safety and hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

# Safety Data Sheet

Page 6 of 8

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II (453/2010) - Europe

## Arpax A2

Issue 2T  
Revision 23 April 2015

### 9 Physical & chemical properties

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

Physical state	Liquid.
Colour	Clear, Pink.
Odour	Product specific.
Odour threshold	Not determined for the mixture.
pH value 20 Deg C	Not determined for the mixture.
Melting point/Freezing point	Not determined for the mixture.
Initial boiling point and boiling range	Not determined for the mixture.
Flash point	46 deg C
Evaporation rate	Not determined for the mixture.
Flammability (solid, gas)	Not flammable.
Burning time	Not determined for the mixture.
Burning rate	Not determined for the mixture.
Upper/lower flammability or explosive limits	Not determined for the mixture.
Vapour pressure	Not determined for the mixture.
Relative density	1.00 – 1.02
Solubility(ies)	Readily soluble in cold and hot water
Partition coefficient: n-octanol/water	Not determined for the mixture.
Auto ignition temperature	Not determined for the mixture.
Decomposition temperature	Not determined for the mixture.
Viscosity	Not determined for the mixture.
Explosive properties	Not explosive
Oxidising properties	None

#### 9.2 Other Information

No further relevant information available

### 10 Stability and Reactivity

<b>10.1 Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>10.2 Chemical Stability</b>	Stable mixture under normal conditions or storage and use.
<b>10.3 Possibility of hazardous reactions</b>	Hazardous reactions will not occur in normal storage conditions.
<b>10.4 Conditions to avoid</b>	None known in normal storage conditions.
<b>10.5 Incompatible materials</b>	Will react with acids.
<b>10.6 Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### 11 Toxicology

#### 11.1 Information on toxicological effects

Toxicological data for this mixture is not available as animal toxicity studies have not been carried out. Toxicological data for the raw materials is, where provided by the manufacturer, available on request.

# Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II (453/2010) - Europe

## Arpax A2

Issue 2T  
Revision 23 April 2015

### 12 Ecological information

#### 12.1 Toxicity

Ecological Toxicity data for this mixture is not available as ecological toxicity studies have not been carried out. Ecological Toxicity data for the raw materials is, where provided by the manufacturer, available on request.

#### 12.2 Persistence and degradability

**Conclusion/Summary** Any surfactants contained in the product are biodegradable according to the requirements of the detergent regulation 648/2004/EC

#### 12.3 Bioaccumulative potential

**Conclusion/Summary** Not determined for the mixture.

#### 12.4 Mobility in soil

**Soil/water partition coefficient (KOC)** Not determined for the mixture.

**Mobility** Not determined for the mixture.

#### 12.5 Results of PBT and vPvB assessment

**PBT** Not applicable.

**vPvB** Not applicable.

**12.6 Other adverse effects** No known significant effects or critical hazards.


### 13: Disposal considerations

#### 13.1 Waste treatment methods

**Waste from residues / unused products** Dispose of in compliance with all Federal, state, provincial, and local laws and regulations.  
EWC Code 20 01 29\* - detergents containing dangerous substances

**Empty packaging recommendation:** Dispose of observing national or local regulations. (Can be cleaned with water)  
EWC Code 20 01 39

### 14: Transport information

	ADR/RID	ADN/ADNR	IMDG	IATA
14.1 UN number		1987		
14.2 UN proper shipping name		Alcohols NOS (Ethanol)		
14.3 Transport hazard class(es):				
14.4 Packing group		III		
14.5 Environmental hazards		None		
14.6 Special precautions for user		None known		
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBCCode			Product not transported bulk tanker	
Other relevant information (ADR)	Not required			

### 15: Regulatory information

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

##### Ingredients according to EC Detergents Regulation 648/2004

Fragrance 15-30%  
Nonionic surfactants <5%  
Contains Citral, d-limonene

#### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture

# Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II (453/2010) - Europe

## Arpax A2

Issue 2T  
Revision 23 April 2015

### 16: Other information

*The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract*

**Reason for revision:** Overall design adjusted in accordance with Regulation (EC) No 1907/2006, Annex II

#### Full text of the R, H and EUH phrases mentioned in section 3

R11	Highly flammable
R22	Harmful if swallowed
R41	Risk of serious damage to eyes
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage if swallowed
R38	Irritating to skin
R43	May cause sensitisation by skin contact
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R10	Flammable
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H304	May be fatal if swallowed and enters airways
H410	Very toxic to aquatic life with long lasting effects
H319	Causes serious eye irritation

#### Abbreviations and acronyms

ATE	Acute Toxicity Estimate
CLP	Classification, Labelling and Packaging Regulation [Regulation (EC) No.1272/2008]
DNEL	Derived No Effect Level
EUH statement	CLP-specific Hazard statement
N/A	Not Applicable
PNEC	Predicted No Effect Concentration
REACH No	REACH registration number, without supplier specific part