

MATERIAL SAFETY DATA SHEET
ACCORDING TO 91/155/EC (as amended 2001/58/EC)**1. Identification of the substance/preparation and company/undertaking.****Identification preparation**

Kimcare* Air Freshener Starter pack (code 6123) with Ocean (code 6121) and Forest (code 6122) refills 2 x 48ml Fragrance Oil

Use of preparation

Air Freshener

Company/undertaking identificationKimberly-Clark Europe Limited, Beech House, 35 London Road, Reigate, Surrey, RH2 9PZ
Tel: +44 1737 736000 Fax: +44 1737 736670 Contact: Skincare Technical Manager**2. Composition/information on ingredients****Chemical Identification:** Composition: multi-component mixture of natural and synthetic raw materials**CAS Number:** Not applicable, product is a mixture**EINECS number:** Not applicable, product is a mixture**Classified Components Ocean (6121):**

Contains	CAS/EINECS	Hazard Symbols	Conc%
1-(2-TERT-BUTYL CYCLOHEXYLOXY)-2-BUTANOL	139504-68-0 /412-300-2	N; R 51/53	0.2
(S) 2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE	68039-49-6 /268-264-1	Xi; R 36/38-43-52/53	0.3
ALLYL (3-METHYLBUTOXY) ACETATE	67634-00-8 /266-803-5	Xn; R 22-38	1.0
(S) ALPHA DAMASCONE	23726-94-5 /245-845-8	Xi; R 43	0.1
ALPHA-METHYL-1,3-BENZODIOXOLE-5-PROPANAL	1205-17-0 /214-881-6	N; R 51/53	0.1
(S) CITRAL	5392-40-5 /226-394-6	Xi; R 38-43	0.1
DODECANAL	112-54-9 /203-893-6	Xi-N; R 38-51/53	0.3
GALBANUM TOP 18.326/SA - SPECIALITY BASE		Xn-N; R 10-50/53-65	0.2
(S) HYDROXYCITRONELLAL	107-75-5 /203-518-7	Xi; R 36-43	0.2
(S) HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE	31906-04-4 /250-863-4	Xi; R 43	0.2
LEMON TERPENES - CITRUS MEDICA LIMONUM	84929-31-7 /284-515-8	Xn-N; R 10-38-50/53-65	0.6
(S) LITSEA CUBEBA OIL - LITSEA CUBEBA	68855-99-2 /290-018-7	Xi; R 38-43	0.4
OAKMOSS GIVCO 214 - SPECIALITY BASE -/-	N; R 51/53	0.1	
(S) OCTAHYDRO-5-METHOXY-4,7-METHANO-1H-INDENE-2-CARBOXALDEHYDE -/-	86803-90-9	Xi-N; R 36-43-51/53	0.6

(L) Ingredient must be disclosed on a label (normal disclosure)

(S) Ingredient must be disclosed on a label as a sensitiser

("Contains May cause an allergic reaction.")

Classified Components Forest (6122)

Contains	CAS/EINECS	Hazard Symbols	Conc%
1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE	54464-57-2 /259-174-3	N; R 51/53	1.0
(S) 2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE	68039-49-6 /268-264-1	Xi; R 36/38-43-52/53	0.2
ARMOISE OIL - ARTEMESIA VULGARIS	8022-37-5 /305-065-1	Xn; R 22	1.0
CAMPHOR	76-22-2 /200-945-0	Xn; R 20-68/22	9.9
EUCALYPTUS GLOBULUS	8000-48-4 /283-406-2	Xn; R 10-65	20.0
HEXYL-2-HYDROXYBENZOATE	6259-76-3 /228-408-6	Xi-N; R 38-50/53	0.5
MENTHOL	89-78-1 /201-939-0	Xi; R 38	5.0

(L) Ingredient must be disclosed on a label (normal disclosure)

(S) Ingredient must be disclosed on a label as a sensitiser

("Contains_.. May cause an allergic reaction.")

3. Hazards identification

General:	When undiluted and not properly handled, can be irritating to the skin and eyes and upon excessive inhalation. Combustible material that can sustain fire.
Risk phrases:	R10, Flammable. R52/53, Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Environment :	When spilled, can contaminate soil, ground and surface water.

4. First-aid measures

Inhalation :	Upon excessive inhalation, remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Eye exposure :	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
Skin exposure :	Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.
Ingestion :	Rinse mouth with water and obtain medical attention.
Others :	Take Risk and Safety phrases (section 15) into consideration.

5. Fire-fighting measures

Extinguishing :	Carbon dioxide, dry chemical, foam.
media	Do not use a direct water-jet on burning material.



6. Accidental release measures

Personal : Avoid excessive inhalation and contact with skin and eyes.
precautions A self-contained breathing apparatus is recommended in case of a major spill.

Spillage: Remove ignition sources. Provide adequate ventilation.
Avoid excessive inhalation of vapours. Gross spillage should be contained immediately by use of sand or inert powder and disposed of according to local regulations.

Environmental : Keep away from drains, surface and ground water, and soil.
precautions

7. Handling and storage

Handling : Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

Storage : Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original containers. Avoid plastic and uncoated metal containers. Keep air contact to a minimum.

Fire : Keep away from ignition sources and naked flame.
Protection

Specific Use: Room Air Freshener refill for use in public washrooms/ areas

8. Exposure controls/personal protection

Respiratory : Avoid excessive inhalation of concentrated vapours.
protection

Eye protection : Wear safety glasses.

Skin protection : Avoid skin contact. Use chemically resistant gloves as needed.

Personal protective equipment:

During normal use of this product, no personal protective equipment is required. It is recommended that personnel installing the refills wash their hands during breaks and at the end of the day.

When containing/cleaning up a spillage the working procedures should minimise worker exposure to this product. Where this is not possible the following personal protective equipment should be provided:

Protective overalls and shoes/boots recommended.

Impervious gloves recommended

Chemical safety goggles recommended

All personal protective equipment must comply with the appropriate EEC (CE) standards and should be maintained and stored to ensure continued suitability for use. Workers should be trained in the effective use and maintenance of the personal protective equipment provided.

9. Physical and chemical properties

General Information

Appearance : Pale clear liquid

Odour : Characteristic

Ocean (6121) Flash point: 40^oc (CC)

Forest (6122) Flash point: 45^oc (CC)

10. Stability and reactivity

Reactivity: Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.

Decomposition: Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. Toxicological information

Based on the ingredients in this composition and their concentrations, this product is according to the conventional method of EEC directive 88/379/EEC classified as:

Safe when used as directed.

12. Ecological information

General : This material is unlikely to accumulate in the environment and environmental problems under normal use conditions are unexpected.

13. Disposal considerations

Dispose of according to local regulations.
Avoid disposing into drainage systems and into the environment

14. Transport information

	Class	Pack Group	Sub risk	UN no	IMDG page
Road (CDGRR):	3	III		UN1169	
Air (IATA):	3	III		UN1169	
Sea (IMDG):	3	III		UN1169	

15. Regulatory information

Classification Packaging / Labelling (Directive 1999/45/EC)

Contains 2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE, ALPHA DAMASCONE, CITRAL, HYDROXYCITRONELLAL, HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE, LITSEA CUBEBA, OIL - LITSEA CUBEBA, OCTAHYDRO-5-METHOXY-4,7-METHANO-1H-INDENE-2-CARBOXALDEHYDE. May produce an allergic reaction.

Risk phrases: R10, Flammable.
R52/53, Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety phrases: S61, Avoid release to the environment

16 . Other information

Ocean (6121) Conc % Limits (*) : R52/53=28.40% IFRA=20.000% IFRANS=200.000%

Forest (6122) Conc % Limits (*) : R52/53=41.67

IFRANS = Alternative maximum usage in IFRA Non-Skin applications.

(*) These are the maximum percent concentrations that this material can be used in a non-hazardous product without the indicated risk being applicable to that product.

The information in this leaflet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

In addition to the concentration limits applicable to the Dangerous Substance and Dangerous Preparations Directives any IFRA limits provided are general skin and non skin product concentrations.

Revision History :



Edition No	Reason	Date
1	New MSDS Sheet	11 th August 2005