

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

KIMBERLY-CLARK PROFESSIONAL* Zen Fragrance Refill (6185)

Version 1.0

MSDS Number: 100000001186

Revision Date: 08.04.2014

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

1.1 Product identifier

Trade name : KIMBERLY-CLARK PROFESSIONAL* Zen Fragrance Refill (6185)

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

Use of the Sub-stance/Mixture : Aircare

1.3 Details of the supplier of the safety data sheet

Company : Kimberly-Clark Europe Limited
40 London Road
Reigate
Surrey RH2 9QP
United Kingdom

Telephone : +44 1737 736000

Telefax : +44 1737 736670

E-mail address Responsible/issuing person : sdscontact@kcc.com

1.4 Emergency telephone number

+44 1737 736000
This telephone number is available during office hours only.
0900 – 1700 GMT

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (67/548/EEC, 1999/45/EC)

Flammable R10: Flammable.

R67: Vapours may cause drowsiness and dizziness.

2.2 Label elements

Labelling according to EC Directives: 1999/45/EC

R-phrases : R10 Flammable.
R67 Vapours may cause drowsiness and dizziness.

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S-phrases(s)	: S16	Keep away from sources of ignition - No smoking.
	S23	Do not breathe spray.
	S51	Use only in well-ventilated areas.
Sensitising components	: Contains: Linalool Coumarin Isocyclemone E May produce an allergic reaction.	

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. This product is a mixture. Health hazard information is based on its components.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
propan-2-ol	67-63-0 200-661-7	F; R11 Xi; R36 R67	Flam. Liq.2; H225 Eye Irrit.2; H319 STOT SE3; H336	>= 15 - < 20
Linalool	78-70-6 201-134-4	Xi; R38-R43	Skin Irrit.2; H315	>= 0.1 - < 1
Coumarin	91-64-5 202-086-7	Xn; R22 R43		>= 0.1 - < 1
Isocyclemone E	54464-57-2 259-174-3	N; R51/53 Xi; R38-R43	Aquatic Chronic2; H411 Skin Irrit.2; H315 Skin Sens.1; H317	>= 0.1 - < 1
Substances with a workplace exposure limit :				
Dipropylene glycol me- thyl ether	34590-94-8 252-104-2			>= 1 - < 10

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	: No hazards which require special first aid measures.
If inhaled	: No hazards which require special first aid measures.
In case of skin contact	: Wash off with soap and plenty of water.
In case of eye contact	: Immediately flush eye(s) with plenty of water.

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If swallowed : Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical

Unsuitable extinguishing media : Do NOT use water jet.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Highly flammable liquid and vapour.

Hazardous combustion products : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Use water spray to cool unopened containers.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Ensure adequate ventilation.
Remove all sources of ignition.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).

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6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : No special handling advice required.

Advice on protection against fire and explosion : Keep product and empty container away from heat and sources of ignition.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep containers tightly closed in a cool, well-ventilated place.

Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : Aircare

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
propan-2-ol	67-63-0	TWA	400 ppm 999 mg/m3	GB EH40
propan-2-ol	67-63-0	STEL	500 ppm 1,250 mg/m3	GB EH40
Dipropylene glycol methyl ether	34590-94-8	TWA	50 ppm 308 mg/m3	2000/39/EC
Further information	Identifies the possibility of significant uptake through the skin, Indicative			
Dipropylene glycol methyl ether	34590-94-8	TWA	50 ppm 308 mg/m3	GB EH40
Further information	Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used			

8.2 Exposure controls

Personal protective equipment

Eye protection : Not required under normal use.

Skin and body protection : not required under normal use

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Respiratory protection : Not required under normal use.

Protective measures : No special protective equipment required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : clear

Odour : pleasant

pH : 5.75

Boiling point/boiling range : 100 °C

Flash point : 35 °C

Upper explosion limit : 12 %(V)

Lower explosion limit : 2 %(V)

Relative density : 0.980

Solubility(ies)
Water solubility : soluble

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.
No decomposition if used as directed.

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

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Materials to avoid : Strong acids and oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products : Stable under recommended storage conditions.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Skin corrosion/irritation

Product:

Remarks: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

Serious eye damage/eye irritation

Product:

Remarks: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

Respiratory or skin sensitisation

Product:

Remarks: May cause sensitisation of susceptible persons.

Germ cell mutagenicity

Product:

Germ cell mutagenicity- Assessment : Contains no ingredient listed as a mutagen

Carcinogenicity

Product:

Carcinogenicity - Assessment : Contains no ingredient listed as a carcinogen

Reproductive toxicity

Product:

Reproductive toxicity - Assessment : Contains no ingredient listed as toxic to reproduction

STOT - single exposure

Product:

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Remarks: No data available

STOT - repeated exposure

Product:

Remarks: No data available

Aspiration toxicity

Product:

May be harmful if swallowed and enters airways.

Further information

Product:

Remarks: Health injuries are not known or expected under normal use., Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to fish : Remarks: No information available.

Toxicity to daphnia and other aquatic invertebrates : Remarks: No information available.

Toxicity to algae : Remarks: No information available.

12.2 Persistence and degradability

Product:

Biodegradability : Remarks: No information available.

12.3 Bioaccumulative potential

Product:

Bioaccumulation : Remarks: Does not bioaccumulate.

12.4 Mobility in soil

Product:

Mobility : Remarks: No information available.

12.5 Results of PBT and vPvB assessment

Product:

Assessment : Based on available data, the classification criteria are not met.

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12.6 Other adverse effects

Product:

Additional ecological information

: There is no data available for this product.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Dispose of in accordance with local regulations.

Contaminated packaging : Dispose of as unused product.
Do not re-use empty containers.

SECTION 14: Transport information

14.1 UN number

ADR : UN 1993

14.2 UN proper shipping name

ADR : FLAMMABLE LIQUID, N.O.S.
(Isopropanol)

14.3 Transport hazard class(es)

ADR : 3

14.4 Packing group

ADR
Packing group : III
Classification Code : F1
Labels : 3

14.5 Environmental hazards

ADR
Environmentally hazardous : no

14.6 Special precautions for user

not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks : No information available.

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SECTION 15: Regulatory information

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

Directive 96/82/EC of 9th December 1996

		Quantity 1	Quantity 2
6	Flammable.	5,000 t	50,000 t

The components of this product are reported in the following inventories:

REACH : This mixture contains only ingredients which have been subject to a pre-registration according to Regulation (EC) No. 1907/2006 (REACH).

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

Full text of R-Phrases

R11	: Highly flammable.
R22	: Harmful if swallowed.
R36	: Irritating to eyes.
R38	: Irritating to skin.
R43	: May cause sensitisation by skin contact.
R51/53	: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	: Vapours may cause drowsiness and dizziness.

Full text of H-Statements

H225	: Highly flammable liquid and vapour.
H315	: Causes skin irritation.
H317	: May cause an allergic skin reaction.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.