

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

KIMBERLY-CLARK PROFESSIONAL* RHAPSODIE Fragrance Refill

Version	Revision Date:	SDS Number:	Date of last issue: 06.01.2021
1.12	06.01.2021	100000019445	Date of first issue: 01.02.2019

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

1.1 Product identifier

Trade name	:	KIMBERLY-CLARK PROFESSIONAL* RHAPSODIE Fragrance Refill
Product code	:	6136

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

Use of the Substance/Mixture	:	Air Freshener
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1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Kimberly-Clark Europe Limited
Address	:	40 London Road Reigate Surrey RH2 9QP United Kingdom
Telephone	:	+44 1737 736000
E-mail address of person responsible for the SDS	:	sdscontact@kcc.com
Emergency telephone number	:	+44 1865 407333
Poison Center Name	:	NHS 111
Poison Center Telephone	:	111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Eye irritation, Category 2	H319: Causes serious eye irritation.
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2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

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

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Butanol, 3-methoxy-3-methyl-	56539-66-3 260-252-4	Eye Irrit. 2; H319	>= 1 - < 10
propan-2-ol	67-63-0 200-661-7 603-117-00-0	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	>= 1 - < 10

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Do not leave the victim unattended.

If inhaled : Not required under normal use.

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- In case of skin contact : Wash off with soap and water.
- In case of eye contact : Remove contact lenses.
Protect unharmed eye.
If eye irritation persists, consult a specialist.
- If swallowed : Do not give milk or alcoholic beverages.
Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Carbon dioxide (CO₂)
Dry powder
Alcohol-resistant foam
- Unsuitable extinguishing media : Do NOT use water jet.

5.2 Special hazards arising from the substance or mixture

- Specific hazards during firefighting : No special precautions required.
- Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.
- 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.
- Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : Ensure adequate ventilation.

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Remove all sources of ignition.

6.2 Environmental precautions

Environmental precautions : If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

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

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 : General industrial hygiene 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.

Advice on common storage : No special restrictions on storage with other products.

Further information on storage stability : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : Air Freshener

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/m ³	GB EH40
		STEL	500 ppm 1,250 mg/m ³	GB EH40

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8.2 Exposure controls

Personal protective equipment

Eye protection : Not required under normal use.

Skin and body protection : Not required under normal use.

Respiratory protection : Not required under normal use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : No information available.

Odour : No information available.

Odour Threshold : No information available.

pH : No information available.

Melting point/freezing point : 0 °C

Boiling point/boiling range : 100 °C

Flash point : 46 °C

Evaporation rate : No information available.

Flammability (solid, gas) : Not classified as a flammability hazard

Burning rate : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapour pressure : No information available.

Relative vapour density : No information available.

Relative density : No information available.

Solubility(ies)
Water solubility : No information available.

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Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity
Viscosity, dynamic : No information available.

Viscosity, kinematic : No information available.

Explosive properties : No data available

Oxidizing properties : No data available

9.2 Other information

Flammability (liquids) : Does not sustain combustion., Not classified as supporting combustion according to the transport regulations.

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.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : Strong acids and oxidizing agents

10.6 Hazardous decomposition products

Stable under recommended storage conditions.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product:

Acute oral toxicity : Remarks: No data available

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Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

Components:

propan-2-ol:

Acute oral toxicity : LD50 Oral (Rat): 5,840 mg/kg
Method: OECD Test Guideline 401
GLP: no
Remarks: See User Free Text

LD50 Oral (Rat): 1,870 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): > 10000 ppm
Exposure time: 6 h
Test atmosphere: vapour
Method: OECD Test Guideline 403
GLP: yes

LC50 (Rat): 72,600 mg/m3
Exposure time: 4 h

Acute dermal toxicity : LD50 Dermal (Rabbit): 12,800 mg/kg
Method: OECD Test Guideline 402
GLP: no
Remarks: See User Free Text

LD50 Dermal (Rabbit): 4,059 mg/kg

Skin corrosion/irritation

Product:

Remarks : No data available

Components:

propan-2-ol:

Species : Rabbit
Exposure time : 4 hrs
Method : No information available.
Result : No skin irritation
GLP : no
Remarks : See User Free Text

Serious eye damage/eye irritation

Product:

Assessment : irritating

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Remarks : The value is calculated

Components:

Butanol, 3-methoxy-3-methyl-:

Assessment : Irritating to eyes.

propan-2-ol:

Species : Rabbit
Method : OECD Test Guideline 405
Result : Irritating to eyes.
GLP : no

Respiratory or skin sensitisation

Product:

Assessment : Does not cause skin sensitisation.

Components:

propan-2-ol:

Test Type : Buehler Test
Exposure routes : epicutaneous
Species : Guinea pig
Method : OECD Test Guideline 406
Result : Did not cause sensitisation on laboratory animals.
GLP : yes

Germ cell mutagenicity

Product:

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

Components:

propan-2-ol:

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test
Test system: Chinese hamster ovary cells
Concentration: 0.0098, 0.0195, 0.0391, 0.0781
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 476
Result: Negative for genotoxicity
GLP: yes

Genotoxicity in vivo : Test Type: Micronucleus test
Species: Mouse (male and female)

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Strain: ICR
Cell type: Bone marrow
Application Route: Intraperitoneal injection
Exposure time: Single exposure
Dose: 350, 1173 and 3500 mg/kg bw
Method: OECD Test Guideline 474
Result: negative
GLP: yes

Carcinogenicity

Product:

Carcinogenicity - Assessment : Contains no ingredient listed as a carcinogen

Components:

propan-2-ol:

Species : Rat, male and female
Application Route : Inhalation
Exposure time : 104 weeks
Dose : See User Free Text parts per million
Group : yes
Frequency of Treatment : 6 Hours/day 5 days/week
: 5,000 parts per million
Method : OECD Test Guideline 451
Result : negative
GLP : yes
Remarks : See User Free Text

Reproductive toxicity

Product:

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

Components:

propan-2-ol:

Effects on fertility : Test Type: one-generation reproductive toxicity
Species: Rat, male and female
Strain: wistar
Application Route: Oral
Dose: 0, 1.25, and 2.0 parts per million
General Toxicity - Parent: NOAEL: 347 mg/kg body weight
Fertility: NOAEL: 853 mg/kg body weight
Method: OECD Test Guideline 415
GLP: yes

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Effects on foetal development : Test Type: Prenatal Developmental Toxicity Study
Species: Rat, male and female
Strain: wistar
Application Route: Oral
Dose: 0, 596, 1242, and 1605 mg/kg body weight
Developmental Toxicity: NOAEL: 596 mg/kg body weight
Embryo-foetal toxicity: NOAEL: 596 mg/kg body weight
Method: OECD Test Guideline 414
Result: No teratogenic effects
GLP: yes

STOT - single exposure

Product:

Remarks : No data available

STOT - repeated exposure

Product:

Remarks : No data available

Repeated dose toxicity

Components:

propan-2-ol:

Species : Rat, male and female
NOAEL : parts per million, 5000 parts per million
Application Route : Inhalation
Test atmosphere : vapour
Exposure time : 6 hours/day
Number of exposures : 5 days/week for 104 weeks
Dose : 0, 500, 2500, 5000 ppm
Group : yes
Method : See User Free Text
GLP : yes

Aspiration toxicity

Product:

No data available

Further information

Product:

Remarks : Health injuries are not known or expected under normal use.
Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing.

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SECTION 12: Ecological information

12.1 Toxicity

Components:

Butanol, 3-methoxy-3-methyl-:

Toxicity to fish : LC50 (*Oryzias latipes* (Orange-red killifish)): > 100 mg/l
Exposure time: 96 h
Test Type: semi-static test

propan-2-ol:

Toxicity to fish : LC50 (*Pimephales promelas* (fathead minnow)): 9,640 mg/l
End point: mortality
Exposure time: 96 h
Test Type: flow-through test
Analytical monitoring: yes
Method: OECD Test Guideline 203
GLP: no

LC50 (*Pimephales promelas* (fathead minnow)): 10,000 mg/l
End point: mortality
Exposure time: 96 h
Test Type: flow-through test
Analytical monitoring: yes
Method: OECD Test Guideline 203
GLP: no

LC50 (*Pimephales promelas* (fathead minnow)): 9,640 mg/l
Exposure time: 96 h
Test Type: flow-through test

LC50 (*Pimephales promelas* (fathead minnow)): 11,130 mg/l
Exposure time: 96 h
Test Type: static test

LC50 (*Lepomis macrochirus* (Bluegill sunfish)): > 1,400,000 µg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): 9,714 mg/l
Exposure time: 24 h
Test Type: static test
Method: OECD Test Guideline 202
GLP: no

EC50 (*Daphnia magna* (Water flea)): 13,299 mg/l
Exposure time: 48 h

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Toxicity to algae/aquatic plants : EC10 (Scenedesmus quadricauda (Green algae)): 1,800 mg/l
End point: See User Free Text
Exposure time: 168 h
Test Type: static test
Analytical monitoring: no
Method: See User Free Text
GLP: no

EC50 (Desmodesmus subspicatus (green algae)): > 1,000 mg/l
Exposure time: 96 h

EC50 (Desmodesmus subspicatus (green algae)): > 1,000 mg/l
Exposure time: 72 h

Toxicity to microorganisms : toxicity threshold (Pseudomonas putida): 1,050 mg/l
Exposure time: 16 h
Test Type: static test
Analytical monitoring: no
Method: DIN 38 412 Part 8
GLP: no
Remarks: See User Free Text

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : 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..

12.6 Other adverse effects

Product:

Additional ecological information : No data available

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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

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

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P5c FLAMMABLE LIQUIDS

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
Volatile organic compounds (VOC) content: 8.37 %

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

TCSI : Not in compliance with the inventory

TSCA : Substance(s) not listed on TSCA inventory

AICS : Not in compliance with the inventory

DSL : This product contains the following components that are not on the Canadian DSL nor NDSL.

REACTION MASS OF (2E)-3,7-DIMETHYLOCTA-2,6-DIEN-1-OL & (2Z)-3,7-DIMETHYLOCTA-2,6-DIEN-1-OL
METHYL ANTHRANILATE

ENCS : Not in compliance with the inventory

ISHL : Not in compliance with the inventory

KECI : Not in compliance with the inventory

PICCS : Not in compliance with the inventory

IECSC : Not in compliance with the inventory

NZIoC : Not in compliance with the inventory

15.2 Chemical safety assessment

SECTION 16: Other information

Full text of H-Statements

H225 : Highly flammable liquid and vapour.
H319 : Causes serious eye irritation.
H336 : May cause drowsiness or dizziness.

Full text of other abbreviations

Eye Irrit. : Eye irritation
Flam. Liq. : Flammable liquids
STOT SE : Specific target organ toxicity - single exposure
GB EH40 : UK. EH40 WEL - Workplace Exposure Limits
GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL : Short-term exposure limit (15-minute reference period)

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ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Classification of the mixture:

Eye Irrit. 2

H319

Classification procedure:

Calculation method

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.

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