



SAFETY DATA SHEET /according to Commission Regulation (EU) 830/2015

DZ6792 DELTACLEAN® Refill Aero Cotton

Date of Issue: 27.7.2015

Date of Revision: 26.10.2016

Version: 3

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier: Trade name: **DELTACLEAN® Refill Aero Cotton**
CAS Number: Not applicable for the mixture.
Contains: Hexyl salicylate (CAS 6259-76-3) < 3 %
4-Tert. butylcyclohexyl acetate (CAS 32210-23-4) < 3 %
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:
Room deodorizer (Cotton)
Uses advised against: Not defined. For intended use only. Not for oral consumption.
- 1.3 Details of the supplier of the safety data sheet:
Manufacturer/supplier: **DELTA Zofingen AG**
Address: Untere Brühlstrasse 10
CH-4800 Zofingen
Phone: +41 62 746 04 04 Fax: +41 62 746 04 02
E-Mail: info@delta-zofingen.ch
Internet: www.delta-zofingen.ch
- 1.4 Emergency telephone number: **+41 44 251 66 66 (Information)**
145 (non-stop) in Suisse
Tox Info Suisse
+41 44 251 51 51 (from abroad)
+41 44 251 51 51 (technical problems)
E-Mail: info@toxinfo.ch

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:
The mixture does meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
The mixture is classified as dangerous in accordance with Regulation (EC) No 1272/2008, as subsequently amended.
- Hazard class and category:
Skin Sens. 1, H317
Eye Irrit. 2, H319
- Hazard statements:
May cause an allergic skin reaction. Causes serious eye irritation.
- The most important adverse physical effects:
The mixture is not flammable, is combustible. Thermal decomposition under high temperatures or burning may release a variety of products from simple hydrocarbons to toxic/irritating gases including carbon monoxide and carbon dioxide. Prevent from heating or burning.
- The most important adverse human health effects:
The mixture contains some chemicals which may cause allergic skin reaction (redness, dermatitis). Sensitive people should avoid the contact with the mixture. The mixture, which is the product impregnated by, contains some substances irritating to eyes, in the used form they does not mean any important hazard. During long lasting inhalation can cause headache. Avoid long lasting inhalation exposure. Keep carefully the instructions for use.
- The most important adverse environmental effects:
The mixture contains small amount of chemicals, which are classified as hazardous to aquatic life. Used form of the product does not constitute any practical risks to the environment. Keep the users' instructions to protect aquatic environment.
Full text of the classification and hazard statements is given in the section 16.

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2.2 Label elements
Signal word: Warning
Pictograms: GHS07



Hazard statements:

H317 May cause an allergic skin reaction.**H319** Causes serious eye irritation.

Precautionary statements:

P102: Keep out of reach of children.**P264:** Wash hands thoroughly after handling.**P333 + P313:** If skin irritation or rash occurs: Get medical attention.**P501:** Dispose of contents in accordance with local/national regulation.

Supplemental information on the label:

Dangerous components: Hexyl salicylate (CAS 6259-76-3) < 3 %

4-Tert. butylcyclohexyl acetate (CAS 32210-23-4) < 3 %

Contains 2-Methyl-3-(3,4-methylenedioxyphenyl)-propanal; 1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-on; 2,4-Dimethylcyclohex-3-ene-1-carbaldehyde. May produce an allergic reaction.

For professional use only.

Product identifier: **DELTACLEAN® Refill Aero Cotton** Room deodorizerManufacturer/supplier: **DELTA** Zofingen AG, Untere Brühlstrasse 10, CH-4800 Zofingen

Phone: 41 62 746 04 04 Fax: +41 652 746 04 02

2.3 Other hazards:

The mixture does not meet the criteria for PBT or vPvB components, any is not enrolled in the candidate list for the Annex XIV of the Regulation (EC) No. 1907/2006.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances: The product is not a substance.

3.2 Mixtures

Solid plastic slow-release deodorizing preparation in the form of a moulded hemisphere. It is made of pigmented thermoplastic impregnated with a fragrance composition and white pigment.

Form/Shape: Dome weighs approximately 62 g (form of hemisphere with open slots and attachment slots in the upper and lower sidewall area).

Chemical substance	Content [%]	CAS No.	EC No.	Index No.
Ethylene-vinyl acetate; copolymer	60 – 80	24937-78-8	607-457-0	Not given
3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-6-yl acetate	5 – 15	5413-60-5	226-501-6	Not given
3,7-Dimethyloctan-3-ol	0 – 3	78-69-3	201-133-9	Not given
Methyl benzoate	0 – 3	93-58-3	202-259-7	Not given
2-Methyl-1-phenylpropan-2-ol	0 – 3	100-86-7	202-896-0	Not given
2-Phenoxyethanol	0 – 3	122-99-6	204-589-7	603-098-00-9
Pentyl salicylate	0 – 3	2050-08-0	218-080-2	Not given
Hexyl salicylate	0 – 3	6259-76-3	228-408-6	Not given
Terpineol	0 – 3	8000-41-7	232-268-1	Not given
3a,4,5,6,7,7a-Hexahydro-4,7-methano-1H-inden-6-yl propionate	0 – 3	17511-60-3	241-514-7	Not given
4-Tert. butylcyclohexyl acetate	0 – 3	32210-23-4	250-954-9	Not given
2-Methyl-6-methyleneoct-7-en-2-ol, dihydro derivative	0 – 3	53219-21-9	258-432-2	Not given
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans)	0 – 3	--	405-040-6	603-101-00-3
2-Methyl-3-(3,4-methylenedioxyphenyl)-propanal	0 – 0,33	1205-17-0	214-881-6	Not given
1-(2,6,6-Trimethyl-3-	0 – 0,33	57378-68-4	260-709-8	Not given

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cyclohexen-1-yl)-2-buten-1-on				
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde	0 – 0,33	68039-49-6	268-264-1	Not given

Classification of the components

Chemical name	Hazard pictograms	Classification	Concentration limits
Ethylene-vinyl acetate; copolymer*	The compound is not classified as dangerous compound.		
3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-6-yl acetate*	GHS09	Aquatic Chronic 3, H412	
3,7-Dimethyloctan-3-ol*	GHS07	Skin Irrit. 2, H315 Eye Irrit. 2, H319	Skin Irrit. 2, H315: c ≥ 10 % Eye Irrit. 2, H319: c ≥ 10 %
Methyl benzoate*	GHS07	Acute Tox. 4, H302	
2-Methyl-1-phenylpropan-2-ol*	GHS07	Acute Tox. 4, H302	
2-Phenoxyethanol	GHS07	Acute Tox. 4, H302 Eye Irrit. 2, H319	Eye Irrit. 2, H319: c ≥ 10 %
Pentyl salicylate*	GHS09	Aquatic Chronic 2, H411	
Hexyl salicylate*	GHS07, GHS09	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410	Skin Irrit. 2, H315: c ≥ 10 % Skin Sens. 1, H317: c ≥ 1 %
Terpineol*	GHS07	Skin Irrit. 2, H315 Eye Irrit. 2, H319	Skin Irrit. 2, H315: c ≥ 10 % Eye Irrit. 2, H319: c ≥ 10 %
3a,4,5,6,7,7a-Hexahydro-4,7-methano-1H-inden-6-yl propionate*	GHS07, GHS09	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	Eye Irrit. 2, H319: c ≥ 10 %
4-Tert. butylcyclohexyl acetate*	GHS09	Skin Sens. 1, H317	Skin Sens. 1, H317: c ≥ 1 %
2-Methyl-6-methylenooc-7-en-2-ol, dihydro derivative*	GHS07	Skin Irrit. 2, H315 Eye Irrit. 2, H319	Skin Irrit. 2, H315: c ≥ 10 % Eye Irrit. 2, H319: c ≥ 10 %
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans)	GHS07	Eye Irrit. 2, H319	Eye Irrit. 2, H319: c ≥ 10 %
2-Methyl-3-(3,4-methylen dioxypheyl)-propanal*	GHS07, GHS09	Skin Sens. 1, H317 Aquatic Chronic 2, H411	Skin Sens. 1, H317: c ≥ 1 %
1-(2,6,6-Trimethyl-3- cyclohexen-1-yl)-2-buten-1-on*	GHS07, GHS09	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	Skin Irrit. 2, H315: c ≥ 10 % Skin Sens. 1, H317: c ≥ 1 %
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde*	GHS07	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	Skin Irrit. 2, H315: c ≥ 10 % Skin Sens. 1, H317: c ≥ 1 % Eye Irrit. 2, H319: c ≥ 10 %

* The compound is not classified in the List of harmonized classification. For the classification were used data from databases and SDSs.

SECTION 4: FIRST AID MEASURES**4.1** Description of first aid measures:

In any health complication or in case of doubts, seek medical advice. Show this safety data sheet or the label to the doctor. In case of health problems, do basic life support. Keep unconscious person in recovery position, give nothing by mouth. Do not induce vomiting. In case of spontaneous vomiting avoid vomit aspiration.

Inhalation:

In relation to the product form, inhalation exposure is improbable. Remove the affected person to fresh air and keep warm and at rest. If breathing difficulties occur (lack of oxygen, irregular breathing), apply artificial respiration. In case of long-lasting breathing problems seek medical advice.

Skin contact:

Wash thoroughly by water and soap. If skin irritation or allergic reaction occurs, seek medical advice.



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Eye contact:

Eye contact is improbable. Remove contact lenses, if present and easy to do. Rinse wide open eyes with plenty of water, from inner canthus to the outer, mainly the space under eyelids.

Ingestion:

Possibility of ingestion limited due to product form and difficulty to chew and ingest. In the event of ingestion, do not induce vomiting, rinse mouth thoroughly with water. Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

The mixture contains some chemicals which may cause sensitising or allergic skin reaction (redness, dermatitis). Sensitive people should avoid the contact with the mixture. The mixture, which is the product impregnated by, contains some substances irritating to eyes (redness, tearing, itching), in the used form they does not mean any hazard. During long lasting inhalation can cause headache.

4.3 Indication of any immediate medical attention and special treatment needed

In case of usual usage and if following the instructions for use no health hazards occur, immediate medical treatment is not necessary. Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: The mixture is not flammable. Use extinguishing media appropriate for the surrounding fire (dry powder, CO₂, foam, water spray, mist).

Unsuitable extinguishing media: None

5.2 Special hazards arising from the substance or mixture:

Thermal decomposition under high temperatures or burning may release a variety of products from simple hydrocarbons to toxic/irritating gases including carbon monoxide and carbon dioxide. Do not breathe the decomposition products in.

5.3 Advice for firefighters:

Full protective clothing should be worn before a confined fire space is entered. Self-contained breathing apparatus should be worn.

Other information:

Control run-off water by containing and keeping it out of watercourses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

No special requirements in case of accidental release. Keep usual safety requirements, avoid contact with skin.

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. The fragrance mixture is not washed into water from the product. Avoid or minimise the creation of environmental contamination. Keep usual requirements to protect the environment.

6.3 Methods and material for containment and cleaning up

In relation to the product form the release is improbable. Prevent from releasing the unused product into the environment.

6.4 Reference to other sections:

Personal protective equipment – section 8. Unused mixture treatment – section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Keep away from direct flames, open fire and heating. Avoid contact with skin and eyes, use personal protective equipment. Respect the instructions in the label. Do not eat, drink and smoke in working area. Wash hands with soap and water after use and before break or eating. Keep general hygiene measures for handling.

7.2 Conditions for safe storage, including any incompatibilities:

Keep in cool, dry conditions in original containers at no more than 30° C.

Keep out of the reach of children. Store apart from food, beverages and feed.

Keep the user's instruction.



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Quantity limits under storage conditions: not given

7.3 Specific end use(s): Room deodorizer.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters: Not established

8.2 Exposure controls:

Avoid contact with skin and eyes. Respect the instructions in the label. Do not eat, drink and smoke in working area. Keep general hygiene measures for handling. After skin contact wash thoroughly. Adjust personal protective equipment to the character of the work.

- Eye/face protection:
Eye contact is improbable, eye protection is not necessary.
 - Skin protection:
Avoid long-lasting skin contact. Wash affected skin thoroughly.
 - Hand protection:
Protective gloves are recommended for contact with skin for sensitive people. – Follow the producer's recommendation. Material should be resistant to the substances of the mixture. Test before the first use. Change damaged gloves.
Sensitive people and allergic person should avoid skin contact with the product.
 - Respiratory protection:
Not needed.
 - Thermal hazards:
Not defined.
- Environmental exposure controls
Keep usual requirements to protect the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Thermoplastic urinal screen infused with fragrance oil
Colour:	White to Off-White
Odour:	Cotton
pH:	Not determined
Melting point/freezing point:	Cca 60 °C
Initial boiling point and boiling range:	Not determined
Flash point:	Not applied
Evaporation rate:	Not determined
Flammability (solid, gas):	The mixture is not flammable
Upper/lower flammability or explosive limits: Upper (% vol.):	The mixture is not explosive.
Lower limit (% vol.):	--
Vapour pressure (at 20 °C):	Not determined/applicable
Vapour density:	Not determined/applicable
Relative density (at 20 °C):	Not determined
Solubility:	In water – insoluble In fat – not determined
Partition coefficient n-octanol/water:	Not determined
Auto-ignition temperature:	The mixture is not flammable
Viscosity (kinematic 40 °C):	Not determined
Oxidising properties:	Intact

9.2 Other information: None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

If the user's instructions are followed, there is no risk of dangerous reactions.



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- 12.4** Mobility in soil: Not determined/applicable
- 12.5** Results of PBT and vPvB assessment: The mixture does not contain PBT and vPvB compounds.
- 12.6** Other adverse effects: Prevent leakage of larger amount of the mixture. Avoid entering the drains, soil and surface water or groundwater.

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1** Waste treatment methods
Dispose in accordance with Local Authority requirements e.g., for used product, as household waste.
- Container treatment: Dispose in accordance with national regulations, in the system of separated or communal waste.

SECTION 14: TRANSPORT INFORMATION

Basic information for transport:

Transport in appropriate containers. Comply with the prescribed labelling.

The transport of the mixture is not regulated after ADR, RID, ICAI/IATA, IMDG.

- 14.1 UN number: Not determined
- 14.2 UN proper: shipping name: Not determined
- 14.3 Transport hazard class(es): Not determined
- 14.4 Packing group: Not determined
- 14.5 Environmental hazards: Not determined
- 14.6 Special precautions for user: Not determined
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: Not determined.

SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No. 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006 (CLP), particularly
 - Commission regulation (EC) No. 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No. 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures
 - Commission regulation (EC) No. 286/2011 of 10 March 2011 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No. 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures
 - Commission regulation (EC) No. 487/2013 of 8 May 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No. 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures
 - Commission regulation (EC) No. 605/2014 of 5 June 2014 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No. 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures
- Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and amendments.
- Commission regulation (EU) 2015/830 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and amendments.

Notice:

Regulations listed above are only basic directives in this safety data sheet. Other additional regulations, which can add these above, may exist. We do refer to state, local and international laws and directions which may differ according to the country.

- 15.2** Chemical safety assessment
Chemical safety assessment has not been carried out for this mixture.



SECTION 16: OTHER INFORMATION

Hazard statements used in this safety data sheet:

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

Abbreviations used in this safety data sheet:

Acute Tox. 4 – Acute toxicity, category 4

Skin Irrit. 2 – Skin corrosion/irritation, category 2

Skin Sens. 1 – Respiratory/skin sensitisation, category 1

Eye Irrit. 2 – Serious damage to eyes/eye irritation, category 2

Aquatic Acute 1 – Acute aquatic hazard, category 1

Aquatic Chronic 1, 2, 3 – Long-term aquatic hazard, category 1, 2, 3

PBT – persistent, bioaccumulative and toxic

vPvB – very persistent and very

bioaccumulative LD₅₀ – Lethal dose, 50 percent

ADR – Agreement on Dangerous Goods by Road – Europe

The mixture should be used only for the purpose defined in 1.2. Specific end uses are out of the supplier control, the user is responsible to fit the information from this safety data sheet to local directives and regulations. Safety data sheet describes the product from the point of safety. This information is not the technical information about the product.

Instructions for training and other measures:

Provide adequate information, instruction and training for operators.

Sources of information: Supplier's data and toxicological databases.

Revision changes: Classification of the product as a mixture on the plastic holder. The change of the classification based on the information that fragrance mixture is not washed from the product.

Declaration:

This safety data sheet contains information believed to be correct. It should be used only as a guide. It does not represent any guarantee of the properties of the product. Our company and its affiliates shall not be liable for any damage resulting from handling or from contact with the above product. User is responsible for handling according to existing laws and regulations.

This safety data sheet meets the requirements the actual standards OSHA Hazard Communication Standard (HCS) and European legal regulations. The mixture is classified according to the criteria given in the Annex I of the Regulation (EC) No. 1272/2008.