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**SAFETY DATA SHEET**

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**SECTION 1 Identification of the substance or preparation and of the company/undertaking**

## 1.1 Product identifier

- Product Name: DUCT AIR TREATMENT
- Product Part Number: 2kg 743466 - 4kg 764417

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

- Use of the substance/preparation: air treatment

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

Name of Supplier:

Head Office:

Wilhelmsen Ships Service AS  
Strandveien 20, N1324 Lysaker,  
Norway Tel: (47) 6349 440 35

Supplier:

Wilhelmsen Ships Service AS  
Willem Barentszstraat 50  
3165AB Rotterdam  
Telephone: +31 4877 777  
Fax: +31 4877 888  
The Netherlands

Other suppliers SEE SECTION 16!!!

For quotations contact your local Customer Services

- 
- Responsible Person: Product HSE Manager,
- Email: Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com
- Telephone: Tel.: +31 10 4877775

## 1.4 Emergency telephone number

Emergency Telephone: -ONLY TO BE USED IN CASE OF AN INCIDENTNCEC:+  
44 1865 407333, CHEMTREC (800) 424 9300  
American Chemistry Council +1 703 527 3887,  
Greece +30 210 7793777Australia: +61 3 9630 0998  
Giftinformasjonsentralen in Norway Tel.: +47 22591300  
Wilhelmsen Ships Service, Melbourne, AUSTRALIA Emergency 24hrs: +61 3 9630 0998  
\*\*FOR QUOTATIONS PLEASE CONTACT YOUR LOCAL CUSTOMER SERVICES\*\*

**SECTION 2 Hazards identification**

## 2.1 Classification of the substance or mixture

- As a Gel it is highly unlikely there are hazardous properties, but as a liquid the following may apply (10% tea tree oil in gel):
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- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to current The Dangerous Substances Directive (67/548/EEC)
- Symbols: Xi, Xn
- Harmful if swallowed (R22)
- Irritating to eyes, respiratory system and skin (R36/37/38)
- 
-

## SECTION 2 Hazards identification (....)

Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations

- Symbols: GHS07
- Signal Word: Warning
- Acute toxicity category 5
- Eye Irrit. 2
- Skin Irrit. 2
- Asp. Tox. 1
- Skin sensitisation category 2
- Acute aquatic toxicity category 2
- Aquatic Chronic 2
- 

### 2.2 Label elements



- Signal Word: Warning
- 
- Contains:
  - Tea Tree Oil, Melaleuca oil (tea-tree oil) - Ethyl Alcohol - Gelling Agent
- Hazard phrases
  - Harmful if swallowed (H302).
  - May be fatal if swallowed and enters airways (H304).
  - Causes skin irritation (H315).
  - May cause an allergic skin reaction (H317).
- Precautionary Phrases
  - If medical advice is needed, have product container or label at hand (P101).
  - Do not handle until all safety precautions have been read and understood (P202).
  - Do not get in eyes, on skin, or on clothing (P262).
  - Wash hands and working surfaces thoroughly after handling (P264).
  - Do not eat, drink or smoke when using this product (P270).
  - Avoid release to the environment (P273).
  - Wear protective gloves/protective clothing/eye protection/face protection (P280).
  - IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
  - Immediately call a POISON CENTER or doctor/physician (P310).
  - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
  - If skin irritation occurs: Get medical advice/attention (P332+P313).
  - Store under argon (P422)
  - Protect from sunlight (P410).
  - Dispose of contents/container to an authorised waste collection point (P501)

### 2.3 Other hazards

- Not applicable
- Not a PBT according to REACH Annex XIII

## SECTION 3 Composition/information on ingredients

### 3.1 Mixtures

- Tea Tree Oil, Melaleuca oil (tea-tree oil)
  - Concentration: 10%
  - CAS Number: 68647-73-4
  - EC Number: Not applicable
  - R/H Phrases: H302, H304, H315, H317, H411
  - Symbols: GHS07, GHS09, GHS08

**SECTION 3 Composition/information on ingredients (....)**

- Categories: Acute Tox. 4, Asp. Tox. 1, Skin Sens. 1, Aquatic Chronic 2
- ethanol; ethyl alcohol  
Concentration: 10%  
CAS Number: 64-17-5  
EC Number: 200-578-6  
R/H Phrases: H225, R11  
Symbols: GHS02, F  
Categories: Flam. Liq. 2  
REACH REG. NO: 603-002-00-5
  - Gelling agent  
Concentration: <5%  
CAS Number: 9000-07-1  
EC Number: 232-524-2  
R/H Phrases: H319  
Symbols: GHS07  
Categories: Eye Irrit. 2
- 

**SECTION 4 First aid measures**

## 4.1 Description of first aid measures

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- If eye irritation persists: Get medical advice/attention (P337+P313).
- 
- IF ON SKIN: Wash with plenty of soap and water (P302+P352).
- Seek medical attention if irritation persists
- 
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician (P301+P310).
- 
- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).
- When in doubt or symptoms persist, seek medical attention

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

- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract

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

- Treat symptomatically
- 

**SECTION 5 Fire-fighting measures**

## 5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

## 5.2 Special hazards arising from the substance or mixture

- No hazard expected under normal conditions of use

## 5.3 Advice for firefighters

- Wear Positive-Pressure Breathing Apparatus
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**SECTION 6 Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

- No special precautions are required for this product
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**SECTION 6 Accidental release measures (....)**

## 6.2 Environmental Precautions

- Avoid release to the environment (P273).

## 6.3 Methods and material for containment and cleaning up

- No special precautions are required for this product

## 6.4 Reference to other sections

- See Section 13
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**SECTION 7 Handling and storage**

## 7.1 Precautions for safe handling

- No special precautions are required for this product
- Do not get in eyes, on skin, or on clothing (P262).

## 7.2 Conditions for safe storage, including any incompatibilities

- Protect from heat
- Protect from frost
- Protect from sunlight (P410).
- Store in a closed container (P404).
- Store in a dry place (P402).

## 7.3 Specific end use(s)

- Contact supplier for further information
- 

**SECTION 8 Exposure controls/personal protection**

## 8.1 Control parameters

- No exposure limits have been set for this substance

## 8.2 Exposure controls

- No special precautions are required for this product

## 8.3 Occupational exposure controls

- Wear plastic or rubber gloves
  - Use good personal hygiene practices
- 

**SECTION 9 Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

- Appearance: white, gel
- Odour: Characteristic odour, Sweet-smelling
- Specific Gravity: Specific gravity (water=1) 0.9 @ 20C
- Flashpoint: >60C

## 9.2 Other information

- No information available
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**SECTION 10 Stability and reactivity**

## 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

## 10.2 Chemical stability

- This article is considered stable under normal conditions

## 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose
-

## **SECTION 10 Stability and reactivity (....)**

### 10.4 Conditions to avoid

- Avoid overheating

### 10.5 Incompatible materials

- Incompatible with acids and alkalis
- Incompatible with oxidizing substances

### 10.6 Hazardous Decomposition Products

- Decomposition products may include carbon oxides
- 

## **SECTION 11 Toxicological information**

### 11.1 Information on toxicological effects

- No information available

### 11.2 Contact with eyes

- In cases of severe exposure, redness and irritation may develop

### 11.3 Contact with skin

- In cases of severe exposure, redness and irritation may develop

### 11.4 Ingestion

- Causes dizziness, confusion, headache or stupor
- Causes gastro-intestinal disturbances

### 11.5 Inhalation

- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- 

## **SECTION 12 Ecological information**

### 12.1 Toxicity

- LC50 (fish) >100 mg/l (96 hr)
- This product does not contain ingredients which are classified in the EU as dangerous for the environment.

### 12.2 Persistence and degradability

- Not applicable

### 12.3 Bioaccumulation Potential

- Not applicable

### 12.4 Mobility in soil

- Not applicable

### 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

### 12.6 Other Adverse Effects

- No information available
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## **SECTION 13 Disposal considerations**

### 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Dispose of contents/container to an authorised waste collection point (P501)

### 13.2 Classification

- EU Waste class: not applicable
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**SECTION 14 Transport information**

Not classified as hazardous for transport

## 14.1 UN

- UN No.: Not applicable
- Proper Shipping Name: Not applicable
- Hazard Class: Not applicable
- Packing Group: Not applicable

## 14.2 Environmental hazards

- Not Classified

## 14.3 Special precautions for user

- Not Classified

## 14.4 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not Classified
- Not applicable

## 14.5 Road/Rail (ADR/RID)

- ADR UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable

## 14.6 Sea (IMDG)

- IMDG UN No.: Not applicable
- Proper Shipping Name: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable
- IMDG EmS: Not applicable

## 14.7 Air (ICAO/IATA)

- ICAO Un No.: Not applicable
- Proper Shipping Name: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable

## 14.8 DOT / CFR (US Department of Transportation)

- Identification Number: Not applicable
  - DOT Proper Shipping Name: Not applicable
  - DOT Labels: Not applicable
  - Product RQ (lbs): Not applicable
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**SECTION 15 Regulatory information**

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

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to current The Dangerous Substances Directive (67/548/EEC)
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010

## 15.2 Chemical Safety Assessment

- None
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**SECTION 16 Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H225: Highly flammable liquid and vapour. H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H411: Toxic to aquatic life with long lasting effects. R11: Highly Flammable.

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

The most up-to-date version of this MSDS can be found on [www.wilhelmsen.com/shipsservice](http://www.wilhelmsen.com/shipsservice)

**OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES**

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