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| Shake Austria e.U. | SICHERHEITSDATENBLATT Seiten 1/21, Erstellt am 24.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2. MATERIAL SAFETY DATA SHEET Pages 1/21, Created on 24.08.2017. according to Regulation EC / 1907/2006. Edition 2. |
| | SHAKE Duftpad für Kleiderschränke ONDA SHAKE fragrance pad for wardrobe ONDA |

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

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|------|---|---|
| 1.1. | Product identifier | |
| | Trade name: | SHAKE Duftpad für Kleiderschränke ONDA SHAKE fragrance pad for wardrobe ONDA |
| | Chemical name: | No data available |
| | Catalogue number: | No data available |
| 1.2. | Relevant identified uses of the substance or mixture and uses advised against | |
| | Using: | Fragrance granules for cabinets. Fragrances Shake bags contain 100% of natural granules, which are enriched with fragrant composition based on essential oils. Expected odour duration: 6 weeks. A way of using fragrance granules for wardrobe: remove the fragrant sacks from the protective foil and place them in to the drawer, the clothes box or the closet. If you want to hang the bags in the closet, use the attached hooks as it is shown on the picture. For small area, use only one bag. For medium to large area at least two bags. WARNING: Do not use bags in the washing machine or a dryer. Avoid direct contact of scented bags with clothes and laundry. Keep out of reach of children, food, drink and animal feed. Content is not edible. |
| | Uses advised against: | No data available |
| | Reason advised against: | No data available |
| 1.3. | Details of the supplier of the safety data sheet | |
| | Company name: | Shake Austria e.U. |
| | Address: | Strass 21, A - 5301 Eugendorf |
| | Telephone number: | +43 (0) 622 641 007 |
| | e-mail of the person in charge: | welcome@shake.co.at |
| | National contact: | No data available |
| 1.4. | Emergency telephone number | |
| | Department of emergency situations telephone number: | 144 |
| | Medical information's telephone number: | Tel Vergiftungszentrale Österreich: +43 1 4064343 |
| | Other data's: | No data available |

SECTION 2. HAZARD IDENTIFICATION

| | | |
|--------|---|--------------------|
| 2.1. | Classification of the substance or mixture | |
| 2.1.1. | Classification according to Regulation (EC) 1272/2008 [CLP] | |
| | Hazard class and category code: | Hazard statements: |
| | - | - |

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| Shake Austria e.U. | SICHERHEITSDATENBLATT Seiten 1/21, Erstellt am 24.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2. MATERIAL SAFETY DATA SHEET Pages 1/21, Created on 24.08.2017. according to Regulation EC / 1907/2006. Edition 2. |
| | SHAKE Duftpad für Kleiderschränke ONDA SHAKE fragrance pad for wardrobe ONDA |

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| 2.1.2. | Additional information's |
| | No data available |

**Full text of H i EUH statements is available in section 16.

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| 2.2. | Classification elements according to Regulation (EC) 1272/2008 [CLP] |
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| Product identifier: | SHAKE Duftpad für Kleiderschränke ONDA SHAKE fragrance pad for wardrobe ONDA |
| Identification number: | - |
| Authorisation number: | - |
| Hazard pictograms: | - |
| Signal word: | - |
| Hazard statements: | - |
| Precautionary statements: lavender, | P273 – Avoid release to the environment. P280 – Wear protective gloves/protective clothing/eye protection/face protection. P333 + P313 – If skin irritation or rash occurs: Get medical advice/attention. P337 + P313 – If eye irritation persists: Get medical advice/attention. P391 – Collect spillage. P501 – Dispose of contents/container to relevant information's |
| Additional information's on hazards: | EUH 208 Contain Hexyl salicylate. α -methyl-1,3-benzodioxole-5-propionaldehyde, Cineole, GERANIOL 3-(p-methoxyphenyl)-2-methylpropionaldehyde, Nerol. May produce an allergic reaction. |

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| 2.3. | Additional hazards |
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The substance does not meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH).

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| SECTION 3. COMPOSITION/ INFORMATION ON INGREDIENTS | | | | |
|---|--|--|--|--|

| CAS/ EINECS/ Index No | REACH registration No | Content % | Name | Classification according to Regulation (EC) No 1272/2008 |
|-----------------------------|-----------------------------|--------------------|--|--|
| 105-95-3 203-347-8 - | 01-2119976314- 33 | ≥ 30 - < 40 | 1,4- dioxacycloheptadec ane-5,17-dione | Aquatic chronic 2;H411 |
| 6259-76-3 228-408-6 - | 01-2119638275- 36 | ≥ 3 - < 5 | Hexyl salicylate | Skin Irr. 2, H315 Skin. Sens. 1B; H317 Aquatic Acute 1;H410 M=1 |

Shake Austria e.U.

SHAKE Duftpad für Kleiderschränke ONDA
SHAKE fragrance pad for wardrobe ONDA

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| 8000-41-7 232-268-1 - | 01-2119553062-49 | $\geq 1 - < 3$ | Terpineol | Skin Irr. 2, H315 Eye Irr.; H319 |
| 1205-17-0 214-881-6 - | - | $\geq 1 - < 3$ | α -methyl-1,3-benzodioxole-5-propionaldehyde | Skin. Sens. 1; H317 Aquatic chronic 2; H411 |
| 470-82-6 207-431-5 - | 01-2119967772-24 | $\geq 0,5 - < 1$ | Cineole | Flam. Liq. 3; H226 Skin. Sens. 1B; H317 |
| 106-24-1 203-377-1 - | 1-2119560621-44 | $\geq 0,25 - < 0,5$ | GERANIOL | Skin Irr. 2, H315 Skin. Sens. 1B; H317 Eye Dam. 1; H318 |
| 5462-06-6 226-749-5 - | - | $\geq 0,25 - < 0,5$ | 3-(p-methoxyphenyl)-2-methylpropionaldehyde | Skin. Sens. 1; H317 Aquatic chronic 3; H412 |
| 106-25-2 203-378-7 - | - | $\geq 0,25 - < 0,5$ | Nerol | Skin Irr. 2, H315 Skin. Sens. 1B; H317 Eye Irr. 2.; H319 |
| 469-61-4 207-418-4 - | - | $\geq 0,1 - < 0,25$ | [3R-(3 α ,3 α β ,7 β ,8 α)]-2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene | Aspir. toks. 1; H304 Aquatic Acute 1; H400 M=1 Aquatic chronic 1; H410 M=10 |

* green alumina granules soaked with a mixture of essential oils

| SECTION 4: FIRST AID MEASURES | |
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| 4.1. | Description of first aid measures |
| General information's: | In case if the symptoms persist, consult a physician. |
| Inhalation: | In case of inhaling the vapour/aerosols remove the victim (move out / take out) to fresh air; and seek medical attention. |
| Skin contact: | Remove all contaminated clothing and shoes. Rise affected area with liquid, lukewarm water and soap with mild soap. Seek medical attention if symptoms persist. Contaminated clothing should be washed before re-use. |
| Eye contact: | Wash hands, spread the lids with clean fingers and rinse the eye with running lukewarm water for 15 minutes. If injured person wears contact lenses, remove them with clean fingers if it is easily before this procedure. Immediately asks for the help of an ophthalmologist. |
| Ingestion: | DO NOT induce vomiting. IMMEDIATELY get medical attention. |

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|--------------------|--|
| Shake Austria e.U. | SICHERHEITSDATENBLATT Seiten 1/21, Erstellt am 24.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2. MATERIAL SAFETY DATA SHEET Pages 1/21, Created on 24.08.2017. according to Regulation EC / 1907/2006. Edition 2. |
| | SHAKE Duftpad für Kleiderschränke ONDA SHAKE fragrance pad for wardrobe ONDA |

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| 4.2. Most important symptoms and effects, both acute and delayed | |
| After inhalation: | Not expected. By very sensitive individuals and if the large concentrations are inhaled; cough, sneezing, nasal congestion, headache can occur. |
| After skin contact: | By very sensitive individual's and by prolonged contact it can cause redness, burning, drying of the skin, allergic reactions. |
| After eye contact: | It is unlikely considering the way of use. It can cause redness, burning, tearing. |
| After ingestion: | It is unlikely considering the way of use. If swallowing occurs, it may cause vomiting, nausea, diarrhoea |
| 4.3. Immediate medical attention and special treatment needed | |
| Treatment should be symptomatic. Treat as instructed by your doctor. | |

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| SECTION 5: FIRE-FIGHTING MEASURES | |
| 5.1. Extinguishing media | |
| Suitable extinguishing media: | Carbon dioxide, water spray |
| Unsuitable extinguishing media: | High water jet. |
| 5.2. Special hazards arising from the mixture. | |
| Hazardous burning product's: | In case of fire at high temperatures harmful and irritating mixtures can be formed: carbon dioxide / carbon monoxide. During fire dangerous smoke can occur. DO NOT inhale that smoke! |
| 5.3. Advice for firefighters: | |
| Wear self-contained breathing apparatus (HRN EN 137), protective clothing against fire (HRN EN 469), gloves (HRN EN 659) and boots (HRN A29 ili A30). Wear protective clothing to prevent contact with skin and eyes. Evacuate and isolate danger area. Closed containers exposed to fire or high temperature should be cooled down with dispersed streams of water if it is safe to do. Prevent wastes from extinguishing to enter drains and water reservoirs by building dikes (for example sand). The resulting waste and residues after the fire action should be removed in accordance valid regulations. | |
| 5.4. Additional information's | |
| No data available. | |

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| SECTION 6: ACCIDENTAL RELEASE MEASURES | |
| 6.1. Personal precautions, protective equipment and emergency procedures | |
| 6.1.1. For non-emergency personal | |
| Protective equipment: | Wear protective personal clothing (section 8.) |
| Accident preventing procedures: | Make sure that everyone are following recommended procedures for save handling, storage and transport (see section 7.) |
| Procedures in case of accident: | Keep unnecessary personnel away. Stop further leaking. Eliminate all ignition, heat and sparking sources if safe to do so. Ensure adequate ventilation. Do not inhale vapours. Avoid contact with skin and eyes. |

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| Shake Austria e.U. | SICHERHEITSDATENBLATT Seiten 1/21, Erstellt am 24.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2. MATERIAL SAFETY DATA SHEET Pages 1/21, Created on 24.08.2017. according to Regulation EC / 1907/2006. Edition 2. |
| | SHAKE Duftpad für Kleiderschränke ONDA SHAKE fragrance pad for wardrobe ONDA |

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| 6.1.2. | For emergency personnel: | |
| | Wear protective clothing recommended in Section 8. Keep unprotected personnel away. | |
| 6.2. | Environmental precautions: | |
| | Avoid release containers and chemicals to the environment. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases. | |
| 6.3. | Methods and material for containment and cleaning up | |
| 6.3.1. | For boarding, covering, plugging: | Prevent from discharging into drains and water courses by building (other materials are aloud too)) barrages and barriers. Ensure adequate ventilation. In case of large spills inform local authority. |
| 6.3.2. | Methods and materials for containment and cleaning up.: | Stop the flow of material by covering with absorb material as sawdust, sand or mineral absorbent and place into appropriate containers for disposal (section 13.), rinse residuals with plenty of water. |
| 6.3.3. | Additional information's: | No data available. |
| 6.4. | Direction on other sections | |
| | Sections 8. i 13. | |

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| SECTION 7: HANDLING AND STORAGE | | |
| 7.1. | Precautions for safe handling | |
| 7.1.1. | Protective measures: | |
| | Measures to prevent fire: | Ensure good ventilation. |
| | Measures for preventing creation of aerosols and dust: | Keep sealed in original packaging. |
| | Environmental precautions: | Observe the operating instructions. Prevent product enter in to the watercourses, drains and drainage systems. |
| 7.1.2. | General advice of hygiene on work place | |
| | Do not eat, drink or smoke when using this product (on working place). Wash hands thoroughly after handling and before break. Wear protective personal clothing (section 8.) Remove all contaminated clothes and footwear. | |
| 7.2. | Conditions for safe storage, including any incompatibilities | |
| | Technical measures and storage requirements: | Store on dry, cool and good ventilated place, away from sources of heat, sparking, ignition source, direct sunlight. Make sure everyone are following instructions for save handling |
| | Suitable packaging: | Store only in original, closed-up containers. It is not allowed to displace in any other container. |
| | Demand for storage area and containers: | Store in a dark, dry, cool and well-ventilated area. |
| | Advice how to set out the storage: | No data available. |

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| Shake Austria e.U. | SICHERHEITSDATENBLATT Seiten 1/21, Erstellt am 24.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2. MATERIAL SAFETY DATA SHEET Pages 1/21, Created on 24.08.2017. according to Regulation EC / 1907/2006. Edition 2. |
| | SHAKE Duftpad für Kleiderschränke ONDA SHAKE fragrance pad for wardrobe ONDA |

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| Other information's on storage terms: | Keep away from food, drink and animal feed. |
| 7.3. Specific end use(s) | |
| Recommendations: | No data available. |
| Special solutions for the industrial sector: | No data available. |

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| 8.1. Control parameters | | | | |
|--|-----------|---|-------------------|----------------------------|
| Substance | CAS No. | Occupational exposure limits (GVI/KGVI) | | Biological exposure limits |
| | | ppm | mg/m ³ | |
| 1,4-dioxacycloheptadecane-5,17-dione | 105-95-3 | - | - | - |
| Hexyl salicylate | 6259-76-3 | - | - | - |
| Terpineol | 8000-41-7 | - | - | - |
| α -methyl-1,3-benzodioxole-5-propionaldehyde | 1205-17-0 | - | - | - |
| Cineole | 470-82-6 | - | - | - |
| GERANIOL | 106-24-1 | - | - | - |
| 3-(p-methoxyphenyl)-2-methylpropionaldehyde | 5462-06-6 | - | - | - |
| Nerol | 106-25-2 | - | - | - |
| [3R-(3 α ,3 β ,7 β ,8 α)]-2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene | 469-61-4 | - | - | - |

| | |
|-----------------|---|
| Substance name: | - |
| EC No: | - |
| CAS No: | - |

| DNEL | | | | |
|--------------------|---------------------|--------------------------|-------------------------|------------------------------|
| Industrial | | | | |
| Route of exposure: | Acute local effects | Acute systematic effects | Chronical local effects | Chronical systematic effects |
| Orally | No data available | No data available | No data available | No data available |
| Inhalation | No data available | No data available | No data available | No data available |
| Dermally | No data available | No data available | No data available | No data available |

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| Shake Austria e.U. | SICHERHEITSDATENBLATT Seiten 1/21, Erstellt am 24.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2. MATERIAL SAFETY DATA SHEET Pages 1/21, Created on 24.08.2017. according to Regulation EC / 1907/2006. Edition 2. |
| | SHAKE Duftpad für Kleiderschränke ONDA SHAKE fragrance pad for wardrobe ONDA |

Vital physical parameters: solubility, flammability, corrosion -

| Consumer | | | | |
|---------------------------|---------------------|--------------------------|-------------------------|------------------------------|
| Route of exposure: | Acute local effects | Acute systematic effects | Chronical local effects | Chronical systematic effects |
| Orally | No data available | No data available | No data available | No data available |
| Inhalation | No data available | No data available | No data available | No data available |
| Dermally | No data available | No data available | No data available | No data available |

PNEC

| Protected environmental object | PNEC |
|--------------------------------|-------------------|
| Freshwater | No data available |
| Freshwater sediments | No data available |
| Seawater | No data available |
| Seawater sediments | No data available |
| Nutritional chain | No data available |
| Sewage treatment plant | No data available |
| Soil | No data available |
| Air | No data available |

8.2. Charge of exposure

| | | |
|----------|---|---|
| 8.2.1. | Adequate control appliance, | |
| | Measures to prevent exposure while recommended handling: | Avoid contact with eyes and skin. Use personal protective clothes as required. |
| | Structure measures to prevent exposure: | No data available |
| | Organisation measures to prevent exposure: | No data available |
| | Technical measures to prevent exposure: | Ensure enough air exchange / transition in work areas. |
| 8.2.2. | Individual protection measures, such as personal protective equipment | |
| 8.2.2.1. | Eye/face protection: | Under normal operating conditions - not required. Protective goggles with side shields in case of eye contact (HRN EN 166) |
| 8.2.2.2. | Skin protection | |
| | Hand protection: | In case of prolonged direct contact and sensitive skin wear protective rubber gloves-Neoprene gloves or PVC (HRN EN 374) . |
| | Other body parts protection: | Wear suitable protective cotton clothing with long hose and sleeve. In case of hard working conditions with more quantities of product wear PVC clothing, Viton or rubber (HRN EN 14605). |

Shake Austria e.U.

SHAKE Duftpad für Kleiderschränke ONDA
SHAKE fragrance pad for wardrobe ONDA

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| 8.2.2.3. | Respiratory Protection: | Under normal operating conditions respiratory protection equipment is not required. In case working with warm up fragrances it is necessary to provide intensive ventilation and elimination of perspired components. |
| 8.2.2.4. | Heat hazard: | No data available. |
| 8.2.3. | Environment exposure control | |
| | Measures for prevent exposure to substance/component: | Do not dispose of outside waste disposal sites. |
| | Structural measures for prevent exposure: | No data available |
| | Organisational measures for prevent exposure: | No data available |
| | Technical measures to prevent exposure: | No data available |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|------|--|---|-------------------|
| 9.1. | Information on basic physical and chemical properties | | |
| | | Value | Method |
| | Appearance: | Solid (granules soaked with essential oils) inside the sealed packaging | No data available |
| | Colour: | No data available | No data available |
| | Odour: | Characteristic ((according to the label on the packaging) | No data available |
| | Odour threshold: | No data available | No data available |
| | pH: | No data available | No data available |
| | Melting/freezing point: | No data available | No data available |
| | Initial boiling point and boiling range: | No data available | No data available |
| | Flash point: | >65 °C | No data available |
| | Evaporation rate: | No data available | No data available |
| | Flammability (solid, gas): | No data available | No data available |
| | Upper / lower flammability or upper / lower explosion limit: | No data available | No data available |
| | Vapour pressure: | No data available | No data available |
| | Vapour density: | No data available | No data available |
| | Relative density: | 0,980-1,060 | No data available |

Shake Austria e.U.

SHAKE Duftpad für Kleiderschränke ONDA
SHAKE fragrance pad for wardrobe ONDA

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| | Solubility(ies): | No data available | No data available |
| | Partition coefficient (n-octanol/water): | No data available | No data available |
| | Auto-ignition temperature: | No data available | No data available |
| | Decomposition temperature: | No data available | No data available |
| | Viscosity: | No data available | No data available |
| | Explosive properties: | No data available | No data available |
| | Oxidizing properties: | No data available | No data available |
| 9.2. | Other information's: | | |
| | No data available | | |

SECTION 10: STABILITY AND REACTIVITY

| | | |
|-------|-------------------------------------|---|
| 10.1. | Reactivity: | No data available. |
| 10.2. | Chemical stability: | Under normal conditions of use and storage, compound is stable. |
| 10.3. | Possibility of hazardous reactions: | Not expected |
| 10.4. | Conditions to be avoided: | No data available. |
| 10.5. | Incompatible materials: | No data available |
| 10.6. | Hazardous decomposition products | No data available |

SECTION 11: TOXICOLOGICAL INFORMATION

| | | | | | | |
|-------|---|-------------------|-------------------|--|-------------------|-------------------|
| 11.1. | Information on toxicological effects | | | | | |
| | Acute toxicity: | | | | | |
| | Terpineol | | | | | |
| | Route of exposure: | Method | Organism | Dose LD ₅₀ /LC ₅₀ or ATE _{compound} | Time of exposure | Result |
| | Oral: | No data available | rat | LD50: > 4300 mg/kg | No data available | No data available |
| | Dermal: | No data available | No data available | LD50 | No data available | No data available |
| | Inhalation: | No data available | No data available | - | No data available | No data available |
| | α-methyl-1,3-benzodioxole-5-propionaldehyde | | | | | |
| | Route of exposure: | Method | Organism | Dose LD ₅₀ /LC ₅₀ or ATE _{compound} | Time of exposure | Result |

Shake Austria e.U.

SHAKE Duftpad für Kleiderschränke ONDA
SHAKE fragrance pad for wardrobe ONDA

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|---|-------------------|-------------------|--|-------------------|-------------------|
| Oral: | No data available | rat | LD50: 3600 mg/kg | No data available | No data available |
| Dermal: | No data available | No data available | LD50 | No data available | No data available |
| Inhalation: | No data available | No data available | - | No data available | No data available |
| Cineole | | | | | |
| Route of exposure: | Method | Organism | Dose LD ₅₀ /LC ₅₀ or ATE _{compound} | Time of exposure | Result |
| Oral: | No data available | rat | LD50: >2480 mg/kg | No data available | No data available |
| Dermal: | No data available | No data available | LD50 | No data available | No data available |
| Inhalation: | No data available | No data available | - | No data available | No data available |
| Geraniol | | | | | |
| Route of exposure: | Method | Organism | Dose LD ₅₀ /LC ₅₀ or ATE _{compound} | Time of exposure | Result |
| Oral: | No data available | rat | LD50: >3600 mg/kg | No data available | No data available |
| Dermal: | No data available | rabbit | LD50 | No data available | No data available |
| Inhalation: | No data available | No data available | - | No data available | No data available |
| Nerol | | | | | |
| Route of exposure: | Method | Organism | Dose LD ₅₀ /LC ₅₀ or ATE _{compound} | Time of exposure | Result |
| Oral: | No data available | rat | LD50: >4500 mg/kg | No data available | No data available |
| Dermal: | No data available | No data available | LD50 | No data available | No data available |
| Inhalation: | No data available | No data available | - | No data available | No data available |
| 3-(p-methoxyphenyl)-2-methylpropionaldehyde | | | | | |
| Route of exposure: | Method | Organism | Dose LD ₅₀ /LC ₅₀ or ATE _{compound} | Time of exposure | Result |
| Oral: | No data available | rat | LD50: >5000 mg/kg | No data available | No data available |
| Dermal: | No data available | rabbit | LD50: >5000 mg/kg | No data available | No data available |
| Inhalation: | No data available | No data available | - | No data available | No data available |

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|--------------------|--|
| Shake Austria e.U. | SICHERHEITSDATENBLATT Seiten 1/21, Erstellt am 24.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2. MATERIAL SAFETY DATA SHEET Pages 1/21, Created on 24.08.2017. according to Regulation EC / 1907/2006. Edition 2. |
| | SHAKE Duftpad für Kleiderschränke ONDA SHAKE fragrance pad for wardrobe ONDA |

| STOT-single exposure | | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Specific effect | Exposure organ | Note | | | |
| Oral: | No data available | No data available | No data available | | | |
| Dermal: | No data available | No data available | No data available | | | |
| Inhalation: | No data available | No data available | No data available | | | |
| Aspiration hazard: | | | | | | |
| No data available. | | | | | | |
| Corrosion/irritation: | | | | | | |
| Product | | | | | | |
| | Exposure duration | Organism | Evaluation | Method | Note | |
| Skin corrosion/irritation: | No data available | rabbit | No data available | No data available | No data available | |
| Serious eye damage/ irritation: | No data available | rabbit | No data available | No data available | No data available | |
| Sensitisation | | | | | | |
| Skin sensitisation: | | | | | | |
| No data available | | | | | | |
| Respiratory sensitisation: | | | | | | |
| No data available | | | | | | |
| Symptoms related to physical, chemical and toxicological characteristics | | | | | | |
| Oral: | | No data available | | | | |
| Dermal: | | No data available | | | | |
| Inhalation: | | No data available | | | | |
| Eye contact: | | No data available | | | | |
| Repeated dose toxicity (subacute, sub chronic, chronic) | | | | | | |
| | Dose | Exposure duration | Organism | Evaluation | Method | Note |
| Oral subacute | No data available | No data available | No data available | No data available | No data available | No data available |
| Skin subacute | No data available | No data available | No data available | No data available | No data available | No data available |
| Inhalation subacute | No data available | No data available | No data available | No data available | No data available | No data available |
| Oral sub chronic | No data available | No data available | No data available | No data available | No data available | No data available |

Shake Austria e.U.

SHAKE Duftpad für Kleiderschränke ONDA
SHAKE fragrance pad for wardrobe ONDA

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| Skin sub chronic | No data available | No data available | No data available | No data available | No data available | No data available |
| Inhalation sub chronic | No data available | No data available | No data available | No data available | No data available | No data available |
| Oral chronic | No data available | No data available | No data available | No data available | No data available | No data available |
| Skin chronic | No data available | No data available | No data available | No data available | No data available | No data available |
| Inhalation chronic | No data available | No data available | No data available | No data available | No data available | No data available |

Specific target organ toxicity-repeated exposure (TCOP):

| | Specific effect | Organ exposure | Note |
|------------------------|-------------------|-------------------|-------------------|
| Oral subacute | No data available | No data available | No data available |
| Skin subacute | No data available | No data available | No data available |
| Inhalation subacute | No data available | No data available | No data available |
| Oral sub chronic | No data available | No data available | No data available |
| Skin sub chronic | No data available | No data available | No data available |
| Inhalation sub chronic | No data available | No data available | No data available |
| Oral chronic | No data available | No data available | No data available |
| Skin chronic | No data available | No data available | No data available |
| Inhalation chronic | No data available | No data available | No data available |

Carcinogenicity, mutagenicity, reproductive toxicity

| | |
|--------------------------------|-------------------|
| Carcinogenicity: | No data available |
| Mutagenicity <i>in-vitro</i> : | No data available |
| Germ mutagenicity | No data available |
| Mutagenicity <i>in-vivo</i> : | No data available |
| Germ cell mutagenicity | No data available |
| Reproductive toxicity: | No data available |

Evaluation of CMR qualification:

No data available

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|-------|---|
| 11.2. | Practical experience: |
| | Observations relevant for classification: No data available |
| | Other observations: No data available |
| 11.3. | Common use: |
| | No data available. |

| SECTION 12: ECOLOGICAL INFORMATION | | | | | | |
|--|--------------------------------------|-------------------|-------------------|-------------------|--------------|-------------------|
| 12.1. | Toxicity | | | | | |
| Acute toxicity | Dose | Exposure time | Organism | Method | Evaluation | Note |
| 1,4-dioxacycloheptadecane-5,17-dione | | | | | | |
| Fish | LC ₅₀ | 96 h | No data available | No data available | - | No data available |
| Crustacean | EC ₅₀ | 48 h | No data available | No data available | 8.4 mg/l | No data available |
| Algae | EC ₅₀ | 96 h | No data available | No data available | 3.5 mg/l | No data available |
| Other organisms | EC ₅₀ | 72 h | No data available | No data available | - | No data available |
| 3-(p-methoxyphenyl)-2-methylpropionaldehyde | | | | | | |
| Acute toxicity | Dose | Exposure time | Organism | Method | Evaluation | Note |
| Fish | LC ₅₀ | 96 h | No data available | OECD 203 | 10-21.5 mg/l | No data available |
| Crustacean (Daphnia Magna) | EC ₅₀ | 48 h | No data available | No data available | - | No data available |
| Algae | EC ₅₀ | 96 h | No data available | No data available | - | No data available |
| Other organism-bacteria | EC50: | - | No data available | OECD 209 | 5660 mg/l | No data available |
| 12.2. | Persistence and degradability | | | | | |
| Abiotic degradability | | | | | | |
| | Time of half degradation | Method | Evaluation | Note | | |
| Sea water | No data available | No data available | No data available | No data available | | |
| Fresh water | No data available | No data available | No data available | No data available | | |
| Air | No data available | No data available | No data available | No data available | | |

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| | | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Soil | No data available | No data available | No data available | No data available | No data available | No data available |
| Biodegradability | | | | | | |
| % degradation | Time (dates) | Method | Evaluation | Note | | |
| No data available | No data available | No data available | No data available | No data available | | |
| No data available | No data available | No data available | No data available | No data available | | |
| No data available | No data available | No data available | No data available | No data available | | |
| 12.3. Bio accumulative potential | | | | | | |
| Partition coefficient octanol/water logPow | | | | | | |
| Value | Concentration | pH | °C | Method | Evaluation | Note |
| No data available | No data available | No data available | No data available | No data available | No data available | No data available |
| No data available | No data available | No data available | No data available | No data available | No data available | No data available |
| No data available | No data available | No data available | No data available | No data available | No data available | No data available |
| Bio concentration factor (BCF) | | | | | | |
| Value | Organism | Method | Evaluation | Note | | |
| No data available | No data available | No data available | No data available | No data available | | |
| No data available | No data available | No data available | No data available | No data available | | |
| No data available | No data available | No data available | No data available | No data available | | |
| Chronic toxicity to environment | | | | | | |
| Value | Dose | Time of exposure | Organism | Method | Evaluation | Note |
| Chronic fish toxicity | LC ₅₀ | No data available | No data available | No data available | No data available | No data available |
| Chronic Crustacean toxicity (Daphnia) | EC ₅₀ | No data available | No data available | No data available | No data available | No data available |

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| 12.4. Mobility in soil: | | | | | | |
| Mobility in environment | | | | | | |
| Surface tension: | | | | | | |
| | Value | °C | Concentration | Method | Note | |
| | No data available | No data available | No data available | No data available | No data available | |
| | No data available | No data available | No data available | No data available | No data available | |
| | No data available | No data available | No data available | No data available | No data available | |
| Adsorption/desorption | | | | | | |
| Transport | Henry's constant | | log Pow | Perspiration | Method | Note |
| Soil-water | No data available | | No data available | No data available | No data available | No data available |
| Water -air | No data available | | No data available | No data available | No data available | No data available |
| Soil-air | No data available | | No data available | No data available | No data available | No data available |
| 12.5. Results of PBT and vPvB | | | | | | |
| Does not contain PBT and vPvB substances. | | | | | | |
| 12.6. Other adverse effects | | | | | | |
| No data available | | | | | | |
| SECTION 13. DISPOSAL CONSIDERATIONS | | | | | | |
| 13.1. Waste treatment methods | | | | | | |
| Waste must be collected separately and kept on the place-under surveillance-where the unauthorised personal cannot reach it. | | | | | | |
| 13.1.1. Residual waste / contaminated packaging | | | | | | |
| DO NOT leak into the environment and municipal waste. Recycle if possible. Legal persons: Keep track of the amount of waste at the warehouse. When handing over the waste, hand it over to the authorized collector with the accompanying documentation (Attachment Sheet). | | | | | | |
| 13.1.2. Waste code packaging: | | | | | | |
| 15 01 01- paper and cardboard packaging 15 01 02- plastic packaging | | | | | | |

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| 13.1.3. | Waste treatment methods: |
| | No data available. |
| 13.1.4. | Possibility of spilling into sewage: |
| | Do not spill into sewage. |
| 13.1.5. | Other recommendations for waste disposal:: |
| | Waste treat method accord to local law regulation demands (see section 13. and .6.) |
| 13.1.6. | Relevant regulations: |
| | EU directives, regulations and laws |
| SECTION 14: TRANSPORT DETAILS | |
| ADR/RID | |
| UN number: | - |
| UN proper shipping name: | not classified as a dangerous substance |
| Transport hazard class: | - |
| Packing group: | - |
| Environmental hazards: | - |
| Special precautions for user: | - |
| IMDG | |
| UN number: | - |
| UN proper shipping name: | not classified as a dangerous substance |
| Transport hazard class: | - |
| Packing group: | - |
| Environmental hazards: | - |
| Special precautions for user: | - |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | - |
| ICAO-TI/IATA-DGR | |
| UN number: | - |
| UN proper shipping name: | not classified as a dangerous substance |
| Transport hazard class: | - |
| Environmental hazards: | - |

| | |
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| | |
|-------------------------------|-------------------|
| Special precautions for user: | - |
| Additional information's: | No data available |

| SECTION 15: REGULATORY INFORMATION | |
|------------------------------------|---|
| 15.1. | Safety, health and environmental regulations/legislation specific for the mixture |
| | EU directive |
| | Authorisation or/and usage restrictions |
| | Authorisations: - |
| | Restrictions: - |
| | Other EU directives: EU Directives |
| | Data's (directive 1999/13/EZ) about emission restrictions perspire organic compounds: |
| | National directive: - |
| 15.2. | Evaluation of chemical safety |
| | - |

| SECTION 16: OTHER INFORMATION | |
|-------------------------------|---|
| 16.1. | Changes mention: - |
| 16.2. | Abbreviation's: <p>ADR- The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) ADN- The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADR)CLP- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures CAS – Chemical Abstract Service number CMR- Carcinogenic, mutagenic, repro toxic substances DPD – Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 ... to the classification, packaging and labelling of dangerous preparations. DSD – COUNCIL DIRECTIVE of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances (67/548/EEC) EC number – EINECS and ELINCS number IATA – The International Air Transport Association (IATA) ICAO-TI – The technical instructions for safe Air traffic of dangerous goods IMDG- The International Maritime traffic of Dangerous Goods (IMDG) LD50- Lethal dose for 50% tested organisms PBT-Persistent, bio accumulative, toxic PNEC(s)- Predicted no-effect concentration RID- transport of dangerous goods by rail vPvB- very persistent, very bio accumulative</p> |

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| | | |
|-------|-----------------------------------|--|
| 16.3. | Key literature and data's source: | Original MSDS: ((CONC.LAVANDA new 54937/4 od 31.01.2017,ver.3) and national law regulative |
|-------|-----------------------------------|--|

| | | |
|-------|---|--|
| 16.4. | Classification and using classification procedures for compounds according to CLP directive | |
|-------|---|--|

| | |
|--------------------|--------------------------|
| CLP Classification | Classification procedure |
| - | - |

| | | |
|-------|---|--|
| 16.5. | Adequately Hazard statements:(number and full text) | |
|-------|---|--|

| | | |
|----|--|--|
| H: | H226 H315 H317 H318 H319 H400 H410 H411 H412 EUH208 | Flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction Causes serious eye damage. Causes serious eye irritation. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects. Contain Hexyl salicylate. α -methyl-1,3-benzodioxole-5-propionaldehyde, Cineole, GERANIOL 3-(p-methoxyphenyl)-2-methylpropionaldehyde,Nerol. May produce an allergic reaction. |
|----|--|--|

| | | |
|-------|------------------------|---|
| 16.6. | Advices for practising | - |
|-------|------------------------|---|

| | | |
|-------|----------------|------|
| 16.7. | Detail notice: | None |
|-------|----------------|------|

As we know, information's which are contained in that MSDS matches our present cognition about this product. This product cannot be used in other purposes then those mentioned in MSDS sections. In case mixing with different products it is necessary to check are there any additional hazards. In case this product is used against information's that provides manufacturer, manufacturer has no legal responsibility for those allegations. Always read label and information's on product.

| |
|---|
| ATTACHMENT: EXPOSURE SCENARIO IN ACCORDANCE WITH REPORT OF CHEMICAL SAFETY |
|---|