# SundaHus Material data

Fläktluftvärmare AR, (ospecificerad)

2017-11-21

A

## Article

| | |
|---|---|
| **Brand:** | Curant Trading |
| **Name:** | Fläktluftvärmare AR, (ospecificerad) |
| **Description:** | Fan heater for water-based heating systems.<br>translated by Google |
| **Article no.:** | |
| **BSAB code:** | **QMC** - Tilluftsdon |
| **BK04:** | **24001** - Electric heating |

## Manufacturer / Supplier

| | |
|---|---|
| **Name:** | Curant Trading AB |
| **FTI recycling system:** | - |
| **EMAS registration:** | - |
| **ISO 14001 certification:** | - |
| **REPA-register:** | - |

## Summary

| | |
|---|---|
| **Conditions:** | Documentation complete, product assessment possible |
| **Assessment:** | **A** |
| **Assessment explanation:** | A |
| **Note:** | |

| | During the manufacturing phase | In the finished product |
|---|---|---|
| **Phase-out substances:** | - | - |
| **Priority risk-reduction substances:** | Yes (R) | Yes R |
| **PBT/vPvB substances:** | - | - |
| **Potential PBT/vPvB substances:** | - | - |
| **Endocrine Disrupting Substances Category 1:** | Yes (H1) | - |
| **Endocrine Disrupting Substances Category 2:** | - | - |
| **Environmentally hostile substances:** | Yes | Yes |
| **Substances hazardous to health:** | Yes | - |

**Substances hazardous to health present in the product in the usage phase:**

**Recyclable raw materials:**

**Other eco-labelling:**

**Nanoparticles:** Presence of nanoparticles is unknown.

**Energy class:**

## Reported documentation

| Type | Issue | Check | Status |
|---|---|---|---|
| Building Product Declaration 3 | 2017-11-06 | 2017-11-17 | Static |
| Product Information | | 2017-11-17 | Static |
| CE Declaration of Conformity | 2017-05-29 | 2017-11-21 | Static |
| Certificate of RoHS Compliance | 2017-05-29 | 2017-11-17 | Manual |

## Contents

| Name: | | CAS no. | Amount | Classifications |
|---|---|---|---|---|
| aluminum | | 7429-90-5 | 2 % | |
| Housing | | | 55 % | |
| unspecified polyester varnish | | | <1.1 % | |
| (1,2-ethanediol) | | 107-21-1 | | H302 |
| (1,3-isobenzofurandione) | R | 85-44-9 | | H302, H315, H317, H318, H334, H335 |
| (2-butenedioic acid (z)-) | R | 110-16-7 | | H302, H315, H317, H319, H335 |
| (styrene) | R H1 | 100-42-5 | | H226, H315, H319, H332, H361d, H372 |

## Contents

| Name: | | CAS no. | Amount | Classifications |
|---|---|---|---|---|
| steel | | | 51.975 % | |
| iron | | 7439-89-6 | 50.9355 % | |
| carbon | | 7440-44-0 | 0.10395 % | |
| Copper | § | 7440-50-8 | 0.2858625 % | |
| manganese | | 7439-96-5 | <0.72765 % | |
| (sulfur) | | 7704-34-9 | 0.02079 % | H315 |
| zinc | | 7440-66-6 | 3.63825 % | |
| zinc | | 7440-66-6 | 2.9975 % | |
| cable (unspecified) "Worst Case" substance | | | <0.02 % | |
| Copper | § | 7440-50-8 | | |
| polypropylene "Worst Case" substance | | 9003-07-0 | | |
| phosphite-based stabilizer for PA, PP, PC, ABS, PS (tris(2,4-di-tert-butyl phenyl) phosphite) "Worst Case" substance | | 31570-04-4 | | H312, H412 |
| unspecified antioxidant for PE, PP, PC, ABS, polyester (Irganox 1010) "Worst Case" substance | R | | | H413 |
| Pigment | | | | |
| (1-propene) | | 115-07-1 | | H220 |
| UV-stabilizer for polyolefin cables | | | | |
| poly[6-[(1,1,3,3-tetramethylbutyl)amino]-s-striazine-2,4-diyl]-[(2,2,6,6-tetramethyl-4-piperidyl)imino]-hexamethyle (HALS stabilizer) | | 70624-18-9 | | |
| 2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol "Worst Case" substance | R | 65447-77-0 | | H410, H412, H413 |
| capacitor | | | <0.01 % | |
| aluminum | | 7429-90-5 | | |
| nickel plated steel alloy Rst 37-2 | | | | |
| (phosphorus) | | 7723-14-0 | | H228, H412 |
| iron | | 7439-89-6 | | |
| carbon | | 7440-44-0 | | |
| nickel | R § | 7440-02-0 | | H317, H351, H372, H412 |
| sulfur | | 7704-34-9 | | H315 |
| l-aspartic acid, polymer with 2-propenoic acid, sodium salt | | 248919-58-6 | | |
| (2-propenoic acid) | | 79-10-7 | | H226, H302, H312, H314, H332, H400 |
| phosphite-based stabilizer for PA, PP, PC, ABS, PS (tris(2,4-di-tert-butyl phenyl) phosphite) "Worst Case" substance | | 31570-04-4 | | H312, H412 |
| (l-aspartic acid) | | 56-84-8 | | H319 |
| unspecified antioxidant for PE, PP, PC, ABS, polyester (Irganox 1010) "Worst Case" substance | R | | | H413 |
| polypropylene "Worst Case" substance | | 9003-07-0 | | |
| phosphite-based stabilizer for PA, PP, PC, ABS, PS (tris(2,4-di-tert-butyl phenyl) phosphite) "Worst Case" substance | | 31570-04-4 | | H312, H412 |

## Contents

| Name: | | CAS no. | Amount | Classifications |
|---|---|---|---|---|
| unspecified antioxidant for PE, PP, PC, ABS, polyester (Irganox 1010) "Worst Case" substance | R | | | H413 |
| Pigment | | | | |
| (1-propene) | | 115-07-1 | | H220 |
| UV-stabilizer for polyolefin cables | | | | |
| poly[6-[(1,1,3,3-tetramethylbutyl)amino]-s-striazine-2,4-diyl]-[(2,2,6,6-tetramethyl-4-piperidyl)imino]-hexamethyle (HALS stabilizer) | | 70624-18-9 | | |
| 2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol "Worst Case" substance | R | 65447-77-0 | | H410, H412, H413 |
| polyurethane | | | | |
| (isocyanates) | R | | | R23, R36/37/38, R42/43 |
| motor-air heaters | | | 23.1 % | |
| aluminum | | 7429-90-5 | 10.0023 % | |
| Copper | § | 7440-50-8 | 6.006 % | |
| iron | | 7439-89-6 | 4.9896 % | |
| silicon | | 7440-21-3 | <0.09933 % | |
| polypropylene "Worst Case" substance | | 9003-07-0 | 2.00046 % | |
| phosphite-based stabilizer for PA, PP, PC, ABS, PS (tris(2,4-di-tert-butyl phenyl) phosphite) "Worst Case" substance | | 31570-04-4 | <0.0200046 % | H312, H412 |
| unspecified antioxidant for PE, PP, PC, ABS, polyester (Irganox 1010) "Worst Case" substance | R | | <0.0200046 % | H413 |
| Pigment | | | | |
| (1-propene) | | 115-07-1 | | H220 |
| UV-stabilizer for polyolefin cables | | | <0.0400092 % | |
| poly[6-[(1,1,3,3-tetramethylbutyl)amino]-s-striazine-2,4-diyl]-[(2,2,6,6-tetramethyl-4-piperidyl)imino]-hexamethyle (HALS stabilizer) | | 70624-18-9 | <0.0200046 % | |
| 2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol "Worst Case" substance | R | 65447-77-0 | <0.0200046 % | H410, H412, H413 |
| polypropylene "Worst Case" substance | | 9003-07-0 | <1 % | |
| phosphite-based stabilizer for PA, PP, PC, ABS, PS (tris(2,4-di-tert-butyl phenyl) phosphite) "Worst Case" substance | | 31570-04-4 | <0.01 % | H312, H412 |
| unspecified antioxidant for PE, PP, PC, ABS, polyester (Irganox 1010) "Worst Case" substance | R | | <0.01 % | H413 |
| Pigment | | | | |
| (1-propene) | | 115-07-1 | | H220 |
| UV-stabilizer for polyolefin cables | | | <0.02 % | |
| poly[6-[(1,1,3,3-tetramethylbutyl)amino]-s-striazine-2,4-diyl]-[(2,2,6,6-tetramethyl-4-piperidyl)imino]-hexamethyle (HALS stabilizer) | | 70624-18-9 | <0.01 % | |
| 2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol "Worst Case" substance | R | 65447-77-0 | <0.01 % | H410, H412, H413 |

# SundaHus Material data

Fläktluftvärmare AR, (ospecificerad)

A

## Contents

| Name: | | CAS no. | Amount | Classifications |
|---|---|---|---|---|
| heating coil | | | 45 % | |
| aluminum | | 7429-90-5 | 27.99 % | |
| iron | | 7439-89-6 | 8.01 % | |
| Copper | § | 7440-50-8 | 8.01 % | |
| zinc | | 7440-66-6 | <1.17 % | |

## Emissions

**Conforms To E0:**

**Conforms to E1:**

**Conforms To M1:**

**Conforms To M2:**

**Conforms To CARB1:**

**Conforms To CARB2:**

**EMICODE:**

## Energy consumption

**Raw materials:**

**Manufacturing:**

**Total:**

## Residual products / Waste

| | During construction | During demolition |
|---|---|---|
| **Re-use:** | | Yes |
| **Material recycling:** | | Yes |
| **Energy recycling:** | | Yes |
| **Landfill deposition:** | | |
| **EWC (European Waste Code):** | | |
| **Hazardous waste:** | - | - |

## Portion of recycled material

**Pre-consumer:**

**Post-consumer:**

## Service life

**Service life:** 10-15 år

## Classification of the product

**Hazard statements:**

**Precautionary statements**

**Risk phrases**

**Safety phrases**

## Corporate Social Responsibility (CSR)

**CSR-policy:**

## Distribution

| | |
|---|---|
| **Pallet return system:** | No |
| **Multiple-use packaging:** | Yes |
| **Take-back of packaging:** | No |
| **System for producer responsibility for packaging:** | No |

## Construction stage

| | | |
|---|---|---|
| **Storage Requirements:** | Yes | Should be stored frost-free, humidity 50-85% without condensation. (translated by Google) |
| **Requirements on surrounding products:** | No | |

## Usage Phase

| | | |
|---|---|---|
| **Requirements on input materials:** | No | |
| **Energy supply:** | Yes | Electricity and hot water (translated by Google) |

## Demolition Phase

| | | |
|---|---|---|
| **Disassembly:** | Yes | Motor and battery can be easily removed for recycling. (translated by Google) |
| **Special measures:** | No | |

## Waste Management

| | |
|---|---|
| **Special restrictions/recommendations:** | No |

## Miscellaneous

| | |
|---|---|
| **Assessed:** | 2017-11-21 by Hadi Shahbazi |
| **Revised:** | 2021-05-13 by Auto Update |
| **SHMD number:** | SHMD-3S2K5CDAK9 |
| **Criteria:** | SundaHus Material Data Assessment Criteria edition 6.1.7 |

## Explanations

| | |
|---|---|
| (R) | At least one prioritized risk reduction substance has been used in the manufacturing phase. |
| R | Contains at least one prioritized risk reduction substance. / The substance fulfills the criteria for a prioritized risk reducing substance according to the Swedish Chemicals Authority tool for substitution, PRIO. |
| (H1) | At least one substance on the European Commission Priority List with endocrine disruptors in category 1 has been used in the manufacturing stage for this product; this means that there is evidence of endocrine disrupting effects in at least one species (including humans). |
| H1 | The substance is present in the European Comissions prioritization list over endocrine disruptors under category 1, which means that there is scientific evidence for an endocrine disrupting effect in atleast one animal (including humans). |
| | Substances hazardous to health present in the product during the manufacturing phase. |
| § | The substance is present in the restriction database. |
| | Presence of nano particles unknown |
| | Contains at least one environmentally hostile substance. |
| | At least one environmentally hazardous substance used at construction |
| "Worst Case" substance | Worstcase substances are those that past experience or literature has shown may be present in particular product types. Worstcase substances are used when specific information on the product content is missing, in order to ensure that no critical elements are left out in the assessment. |
| (substance name) | A substance name in parentheses indicates that the substance is only present during the manufacturing stage, not in the finished product. |
| H220 | Extremely flammable gas. |
| H226 | Flammable liquid and vapour. |
| H228 | Flammable solid. |
| H302 | Harmful if swallowed. |

| Explanations | |
|---|---|
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H335 | May cause respiratory irritation. |
| H351 | Suspected of causing cancer. |
| H361d | Suspected of damaging the unborn child |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| H413 | May cause long lasting harmful effects to aquatic life. |
| R23 | Toxic by inhalation |
| R36/37/38 | Irritating to eyes, respiratory system and skin |
| R42/43 | May cause sensitisation by inhalation and skin contact |