

KATRIN Antibac Handwash

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

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| Identification of the substance or preparation | KATRIN Antibac Handwash |
| Item Number | 1000 ml: 954366, 500 ml: 954410 |
| Use of the substance/preparation | A mild cream handwash with a high humidifying quality suitable for frequent use. The product is supplied as a refill for KATRIN Dispensers™. |
| Supplier | Metsä Tissue Corp. P.O. Box 300 Mänttä 35801 Finland |
| Supplier in your country | See Contact Us at: http://www.katrin.com |
| Responsible for safety datasheet | info.katrin@metsagroup.com |
| Telephone | +358 (10) 4647 750 |
| Telefax | +358 (3) 4742 957 |

2. HAZARDS IDENTIFICATION

Metsä Tissue Corp. has conducted that the preparation shall not be classified due to EU-DIRECTIVE 2001/59/EC.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Name: | Function: | CAS-no: | EINECS-no: | Weight-%: | Classification: |
|---------------------------|-------------------|-------------|------------|-----------|----------------------|
| Aqua | - | 7732-18-5 | 231-791-2 | >30% | - |
| Sodium Laureth Sulphate | Surfactant | 9004-82-4 | 266-192-5 | 5-15% | Xi;R36/38 |
| PEG-4-Rapeseedamide | Surfactant | 85536-23-4 | - | <5% | Xi;R38 |
| Cocamidopropyl Betaine | Surfactant | 61789-40-0 | 263-058-8 | <5% | Xi;R36 |
| Sodium Benzoate | Preservative | 532-32-1 | 208-534-8 | <2,5% | - |
| Citric Acid | pH adjustment | 77-92-9 | 201-069-1 | <1% | Xi;R36 |
| 2-Phenoxyethanol | Preservative | 122-99-6 | 204-589-7 | <1% | Xn;R22 Xi;R36 |
| MEA-Lauryl Sulphate | Surfactant | 4722-98-9 | 225-214-3 | <1% | Xi;R38-41 |
| Propylene Glycol | Solvent | 57-55-6 | 200-338-0 | <1% | - |
| Glycerine | Humectant | 56-81-5 | 200-289-5 | <1% | - |
| Didecylidimonium Chloride | Antistatic | 7173-51-5 | 230-525-2 | <0,5% | C, N: R22, R34 |
| Isopropyl Alcohol | Solvent | 67-63-0 | 200-661-7 | <0,5% | F: R10, R67 |
| Sodium Chloride | Viscosity control | 7647-14-5 | 231-598-3 | <0,5% | - |
| Dehydroacetic Acid | Preservative | 520-45-6 | 208-293-9 | <0,5% | Xn;R22 |
| Sodium Iminodisuccinate | Complexing agent | 144538-83-0 | - | <0,5% | - |
| Octoxyglycerin | Additive | 70445-33-9 | - | <0,5% | Xn;R22 Xi;R41 R52/53 |

4. FIRST-AID MEASURES

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| Inhalation | In normal use there is little danger of inhaling the product. |
| Ingestion | Rinse the mouth thoroughly with water. Drink plenty of water. If discomfort continues seek medical attention and take the safety data sheet along. |
| Skin contact | Wash with water. |
| Eye contact | Rinse opened eye immediately with plenty of water. If irritation continues seek medical attention. |

5. FIRE-FIGHTING MEASURES

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| Precautions against fire | The product is not flammable. |
| Suitable extinguishing media | - |

6. ACCIDENTAL RELEASE MEASURES

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| Personal precautions. | Avoid spillage. Ventilate area of spill. |
| Environmental precautions | Avoid pouring large amounts into drains - see section 12. |
| Methods for cleaning up. | Flush with plenty of water. Further handling of spillage - see section 13. |

7. HANDLING AND STORAGE

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| Handling | See section 8. |
| Safe storage | Store in original airtight container. Do not allow to freeze. |
| Specific use(s) | Use – see section 1. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Exposure controls | Wash hands and contaminated areas with water after use. |
| Exposure limits | Propan-2-ol (Isopropyl Alcohol): 400 ppm = 999 mg/m ³ (8-hour TWA) 500 ppm = 1250 mg/m ³ (15-min STEL) |
| Personal protective equipment | Normally not necessary. For repeated exposure use protective gloves made of e.g. nitrile rubber. |
| Environmental exposure controls | - |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | Liquid |
| Colour | Natural |
| Odour | Faint |
| Water solubility | Soluble |
| pH (concentrate) | 4.5 +/- 0.1 |
| Viscosity | 1500 – 2500 cP |
| Density | 1.02 |
| Flash point | - |
| Boiling point | - |

10. STABILITY AND REACTIVITY

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| Stability | Stable |
| Conditions to avoid | Avoid freezing. |
| Materials to avoid | - |
| Hazardous decomposition products | - |

11. TOXICOLOGICAL INFORMATION

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| Acute toxicity | The below is based on information from our suppliers and literature studies. |
| Skin | No irritation is observed. |
| Inhalation | Inhalation is unlikely in normal use. |
| Eyes | May cause discomfort. E.g. irritation. |
| Ingestion | May cause discomfort. Nausea, headache and dizziness may arise. |

12. ECOLOGICAL INFORMATION

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| The product contains environmentally dangerous substances. The surfactants in the product pass the ultimate biodegradability test according to EC regulation for surfactants in detergents. |
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13. DISPOSAL CONSIDERATIONS

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| General | Comply with national and local regulations. |
| EWC-code | 20 01 30 |

14. TRANSPORT INFORMATION

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| Not classified as dangerous goods (ADR/RID). |
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15. REGULATORY INFORMATION

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| Content | - |
| Risk- and Safety-phrases | Metsä Tissue Corp. has concluded that the preparation is not to be classified. |
| Restriction on application | - |

16. OTHER INFORMATION

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| Packing | | Bottles per box 500 ml: 12 pcs 1000 ml: 6 pcs | Bottles per EUR-pallet: 12 (pcs/box) x70 (box/pallet) =840 (pcs/pallet) 6 (pcs/box) x95 (box/pallet) =570 (pcs/pallet) |
| R-phrases mentioned in section 2 and 3: | R 11: Highly flammable R 20/21/22: Harmful if inhaled, in contact with skin and if swallowed R 21/22: Harmful in contact with skin and if swallowed R 22: Harmful if swallowed R 36: Irritating to eyes R 36/38: Irritating to eyes and skin R 38: Irritating to skin R 41: Risk of serious damage to eyes R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment R 67: Vapours may cause drowsiness and dizziness | | |