**SAFETY DATA SHEET**

*Compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758*

**SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking**

**1.1. Product Identifier**

Zoflora Disinfectant Wipes (All Perfumes)

**1.2. Relevant identified uses of substance or mixture and uses advised against**

Household disinfectant wipes.

**1.3. Details of supplier of the safety data sheet**

Supplier name: Thornton & Ross Ltd

Supplier address: Linthwaite, Huddersfield, HD7 5QH

Telephone: +44 (0) 1484 842 217

Fax: +44 (0) 1484 847 301

Email: sds@thorntonross.com

**1.4. Emergency telephone number**

Telephone: +44 (0) 1484 848 164

Available: Out of working hours

**SECTION 2: Hazards Identification**

**2.1. Classification of the substance or mixture**

According to Regulation (EC) No. 1272/2008 (GB-CLP) the mixture is classified as non-hazardous.

**2.2. Label elements**

Not applicable

**2.2.1 Supplemental Hazard Information Relating to Perfumes**

Not applicable – No allergens at a reportable level

**2.3. Other hazards**

None known

**SECTION 3: Composition/Information on Ingredients**

**3.2. Mixtures**

| **Hazardous Ingredient(s)** | **%w/w** | **CAS no****EC/List no****REACH reg. no** | **Hazard Classification** | **H Statements** |
| --- | --- | --- | --- | --- |
| *Wipes Base* |
| Water | >95% |  | N/A | N/A |
| Versene NA2 Crystals | <1% | 205-358-301-2119486775-20-0002 | Ac Tox Cat 4, STOT RE Cat 2 | H332, H373 |
| Miranol C2M Conc NP | <1% | 01-2119487973-19-0000 | Eye Dam Cat 1 | H318 |
| Acticide BAC 50M | <1% | - | Ac Tox Cat 4, Skin Corr Cat 1B, Aq Chr Cat 1 | H302, H314, H410 |
| Acticide SR 6485 | <1% | - | Eye Dam Cat 1, Sk Sens Cat 1, Aq Chr Cat 3 | H318, H317, H412 |
| Citric Acid Monohydrate | <0.5% | 5949-29-1201-069-101-2119457026-42-0006 | Eye Irr Cat 2 | H319 |
| Trisodium Citrate Dihydrate | <0.5% | 6132-04-3200-675-301-2119457027-40-0018 | N/A | N/A |
| *Perfume Compounds* |
| Perfume compounds (see below) | 0.10-0.13% | N/A |  |  |
| Lemon Zing5972927 |  |  | Sk Irr 2, Eye Irr 2, Sk Sens 1, Aq Chr 2 | H315, H319, H317, H411 |
| Linen Fresh6024977 |  |  | Sk Irr 2, Eye Irr 2, Sk Sens 1, Aq Chr 2 | H315, H319, H317, H411 |
| Midnight Blooms6071486 |  |  | Eye Irr 2, Sk Sens 1, Aq Chr 2 | H319, H317, H411 |
| Rhubarb & Cassis6072289 |  |  | Sk Irr 2, Eye Irr 2, Sk Sens 1, Aq Chr 2 | H315, H319, H317, H411 |
| Springtime6121217 |  |  | Sk Irr 2, Eye Irr 2, Sk Sens 1, Aq Chr 2 | H315, H319, H317, H411 |
| Sunshine Escape6104065 |  |  | Sk Irr 2, Eye Irr 2, Sk Sens 1, Aq Chr 3 | H315, H319, H317, H412 |
| Sweet Orchard6166530 |  |  | Sk Irr 2, Eye Irr 2, Sk Sens 1, Aq Chr 2 | H315, H319, H317, H411 |
| Sweet Pea6078308 |  |  | Sk Irr 2, Eye Dam 1, Sk Sens 1, Aq Chr 2 | H315, H318, H317, H411 |
| Winter Morning6104066 |  |  | Eye Irr 2, Sk Sens 1, Aq Chr 3 | H319, H317, H412 |
| Winter Spice6097345 |  |  | Flam Liq 3, Sk Irr 2, Eye Irr 2, Sk Sens 1, Asp Haz 1, Aq Ac 1, Aq Chr 3 | H226, H315, H319, H317, H304, H400, H412 |

**\*Full text of H-Phrases can be found in Section 16.3**

**SECTION 4: First Aid Measures**

**4.1. Description of first aid measures**

If inhaled: Remove from exposure and get fresh air. Get medical attention.

If on skin: Wash skin thoroughly with water. If irritation persist seek medical advice.

If in eyes: Rinse with plenty of water for at least 10 minutes, keeping the eyelids open if necessary. Get medical attention.

If swallowed: Wash out mouth with water and then drink plenty of water. Do not induce vomiting. Get medical attention.

Other first aid advice: Not applicable.

**4.2. Most important symptoms and effects, both acute and delayed**

If inhaled: None known

If on skin: None known

If in eyes: None known

If swallowed: None known

**4.3. Indication of any immediate medical attention and special treatment needed**

Medical treatment: If not sure about any symptoms contact a doctor or emergency services.

**SECTION 5: Firefighting Measures**

**5.1. Extinguishing media**

Suitable extinguishing media: Water spray, foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: Do not use water jet.

**5.2. Special hazards arising from the substance or mixture**

May produce carbon dioxide, carbon monoxide and alcohol fumes.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing.

**SECTION 6: Accidental Release Measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Non-emergency personnel: Wear appropriate protective clothing.

Emergency personnel: Wear appropriate protective clothing.

**6.2. Environmental precautions**

Prevent material entering drains and watercourses. Advise local authorities if spillage has entered watercourses and sewer.

**6.3. Methods and material for containment and cleaning up**

Absorb onto inert material and transfer to suitable containers for disposal by a licensed waste contractor.

**6.4. Reference to other sections**

See Section 8 for protective equipment requirements.

**SECTION 7: Handling and Storage**

**7.1. Precautions for safe handling**

Handling: None known

Hygiene: Do not eat, drink or smoke while using this product. Wash hands thoroughly after use.

**7.2. Conditions for safe storage, including any incompatibilities**

Store below 25°C

**7.3. Specific end use(s)**

Household disinfectant wipes.

**SECTION 8: Exposure Controls/Personal Protection**

**8.1. Control parameters**

None established

**8.2. Exposure controls**

Engineering controls: Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Eye/face protection: Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards EN 166(EU).

Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique

(without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves must satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Skin Protection: Complete suit protecting against chemicals. The type of protective equipment must be selected

according to the concentration and amount of the dangerous substance at the specific workplace.

Other protection: None required

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Thermal hazards: None known

Environmental controls: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. See Section 6.2

**SECTION 9: Physical and Chemical Properties**

**9.1. Information on basic chemical and physical properties**

Appearance: Wipes with cleaning lotion

Odour: Perfumed

Odour threshold: Data not available

PH: Data not available

Melting/freezing point: Data not available

Initial boiling point: Data not available

Boiling range: Data not available

Flash point: Data not available

Evaporation rate: Data not available

Flammability: Data not available

Decomposition temperature: Data not available

Viscosity : Data not available

Upper explosive limit: Data not available

Lower explosive limit: Data not available

Vapour pressure: Data not available

Vapour density (Air=1): Data not available

Relative density: Data not available

Solubility: Soluble

Partition coefficient: Data not available

Auto ignition temperature: Data not available

Oxidizing properties: Not determined

Explosive properties: Not determined

**9.2. Other information**

Not available.

**SECTION 10: Stability and Reactivity**

**10.1. Reactivity**

Stable

**10.2. Chemical stability**

Stable

**10.3. Possibility of hazardous reactions**

None known

**10.4. Conditions to avoid**

None known

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

None known

**SECTION 11: Toxicological Information**

**11.1. Information on toxicological effects**

Acute toxicity: LD50 (oral rat) 795mg/kg – benzalkonium chloride

Skin corrosion/irritation: May irritate skin

Serious eye damage/irritation: May irritate eyes

Respiratory or skin sensitisation: Some perfumes may cause sensitisation by skin contact

Germ cell mutagenicity: Data not available

Carcinogenicity: Data not available

Reproductive toxicity: Data not available

STOT-single exposure: Data not available

STOT-repeated exposure: Data not available

Aspiration hazard: Data not available

**11.2. Other information**

N/A

**SECTION 12: Ecological Information**

**12.1. Toxicity**

LC50 (fish) 1-10mg/l 96h – benzalkonium chloride

LC50 (daphnia) <1mg/l 48h – benzalkonium chloride

**12.2. Persistence and degradability**

Data not available

**12.3. Bioaccumulative potential**

Data not available

**12.4. Mobility in soil**

Data not available

**12.5. Results of PBT and vPvB assessment**

Data not available

**12.6. Other adverse effects**

N/A

**SECTION 13: Disposal Considerations**

**13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements. This material must be disposed of as hazardous waste.

**SECTION 14: Transport Information**

**14.1. UN number**

Not applicable

**14.2. UN proper shipping name**

Not applicable

**14.3. Transport hazard class (es)**

Not applicable

**14.4. Packing group**

Not applicable

**14.5. Environmental hazards**

Not applicable

**14.6. Special precautions for user**

Not applicable

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC code**

Not applicable

**Additional Information:**

Not applicable

**SECTION 15: Regulatory Information**

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

Not regulated by specific legislation.

**15.2. Chemical safety assessment**

Not available

**SECTION 16: Other Information**

**16.1. Reason for change**

Addition of Sweet Orchard fragrance

**16.2. Sources of information**

Ingredient safety data sheet(s), C&L Inventory and REACH Dossiers.

**16.3. Full text of H phrases from section 3**

H226: Flammable liquid and vapour

H304: May be fatal if swallowed and enters airways

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

H373: May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure if inhaled.

H400: Very toxic to aquatic life

H411: Toxic to aquatic life with long lasting effects

H412: Harmful to aquatic life with long lasting effects

**16.4. Method of evaluation**

Hazards for mixture calculated in accordance with Regulation (EC) No. 1272/2008 (GB-CLP) using the information provided for constituents (ingredients).