SAFETY DATA SHEET
FINAL TOUCH

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name  FINAL TOUCH
Product number  A020 EV
Internal identification  Janitorial

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

Identified uses  Neutral, Cleaner for Washrooms with Bactericide.

1.3. Details of the supplier of the safety data sheet

Supplier  Evans Vanodine International
          Brierley Road
          Walton Summit
          Preston. UK. PR5 8AH
          Tel: 01772 322 200
          Fax: 01772 626 000
          qclab@evansvanodine.co.uk

1.4. Emergency telephone number

Emergency telephone  New Safety Data Sheets - 8.30am to 4.45pm - 01772 322 200 - Mon to Fri. (Also available 24/7 from our website www.evansvanodine.co.uk) Technical Advice - 8.30am to 4.45pm - 01772 318 818 - Mon to Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards  Not Classified
Health hazards  Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards  Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

2.2. Label elements

Pictogram

Signal word  Danger
Hazard statements  H315 Causes skin irritation.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
EUH208 Contains 4-Tertiary-Butylcyclohexyl Acetate. May produce an allergic reaction.
**Precautionary statements**

P102 Keep out of reach of children.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P301 IF SWALLOWED:

P313 Get medical advice/ attention.

P302+P352 IF ON SKIN: Wash with plenty of water.

P332+P313 If skin irritation occurs: Get medical advice/ attention.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P315 Get immediate medical advice/ attention.

P501 Dispose of contents/ container in accordance with local regulations.

**Contains**

ALKYL (C12-16) DIMETHYL BENZYL AMMONIUM CHLORIDE, ALCOHOL (C9-11) ETHOXYLATE (8EO)

**2.3. Other hazards**

This product does not contain any substances classified as PBT or vPvB.

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

<table>
<thead>
<tr>
<th>ALKYL (C12-16) DIMETHYL BENZYL AMMONIUM CHLORIDE</th>
<th>1-3%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 68424-85-1</td>
<td></td>
</tr>
<tr>
<td>EC number: 270-325-2</td>
<td></td>
</tr>
<tr>
<td>M factor (Acute) = 10</td>
<td></td>
</tr>
<tr>
<td>M factor (Chronic) = 1</td>
<td></td>
</tr>
</tbody>
</table>

**Classification**

Acute Tox. 4 - H302

Skin Corr. 1B - H314

Eye Dam. 1 - H318

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

<table>
<thead>
<tr>
<th>ALCOHOL (C9-11) ETHOXYLATE (8EO)</th>
<th>1-3%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 68439-45-2</td>
<td></td>
</tr>
<tr>
<td>Alternative CAS No 13598-36-2</td>
<td></td>
</tr>
</tbody>
</table>

**Classification**

Acute Tox. 4 - H302

Eye Dam. 1 - H318

<table>
<thead>
<tr>
<th>4-Tertiary-Butylcyclohexyl Acetate</th>
<th>0.1-1%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 32210-23-4</td>
<td></td>
</tr>
<tr>
<td>EC number: 250-954-9</td>
<td></td>
</tr>
</tbody>
</table>

**Classification**

Skin Sens. 1B - H317

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**
**Inhalation**

Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

**Ingestion**

Do not induce vomiting. Give plenty of water to drink. Get medical attention if any discomfort continues.

**Skin contact**

Wash with plenty of water.

**Eye contact**

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Get medical attention immediately. Continue to rinse.

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

**General information**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation**

Irritation of nose, throat and airway.

**Ingestion**

May cause discomfort if swallowed.

**Skin contact**

Causes skin irritation. Prolonged and frequent contact may cause redness and irritation.

**Eye contact**

Severe irritation, burning and tearing. Prolonged contact causes serious eye and tissue damage.

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

**Notes for the doctor**

Treat symptomatically.

### SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

**Specific hazards**

Thermal decomposition or combustion products may include the following substances: irritating gases or vapours.

5.3. Advice for firefighters

**Special protective equipment for firefighters**

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions**

Wear protective clothing, gloves, eye and face protection. For personal protection, see Section 8.

6.2. Environmental precautions

**Environmental precautions**

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

**Methods for cleaning up**

Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

**Reference to other sections**

For personal protection, see Section 8.
SECTION 7: Handling and storage

7.1. Precautions for safe handling

**Usage precautions**
For handling undiluted product: Wear protective clothing, gloves, eye and face protection.

7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions**
Keep only in the original container in a cool, well-ventilated place. Store away from the following materials: Oxidising materials.

7.3. Specific end use(s)

**Specific end use(s)**
The identified uses for this product are detailed in Section 1.2.

**Usage description**
See Product Information Sheet & Label for detailed use of this product.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

**Ingredient comments**
No exposure limits known for ingredient(s).

8.2. Exposure controls

**Protective equipment**

- **Appropriate engineering controls**: Not relevant.
- **Eye/face protection**: Wear eye protection.
- **Hand protection**: Wear protective gloves. (Household rubber gloves.)
- **Other skin and body protection**: Wear appropriate clothing to prevent any possibility of skin contact.
- **Respiratory protection**: Respiratory protection not required.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

- **Appearance**: Viscous liquid.
- **Colour**: Green.
- **Odour**: Floral.
- **pH**: pH (concentrated solution): 7.50
- **Melting point**: 0°C
- **Initial boiling point and range**: 100°C @ 760 mm Hg
- **Flash point**: Boils without flashing.
- **Relative density**: 1.010 @ 20°C
- **Solubility(ies)**: Soluble in water.

9.2. Other information

**Other information**: None.
SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity
There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability
No particular stability concerns.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions
See sections 10.1, 10.4 & 10.5

10.4. Conditions to avoid

Conditions to avoid
There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid
No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products
No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects
We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

Other health effects
Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

Acute toxicity - oral
Notes (oral LD₅₀)
Based on available data the classification criteria are not met.

ATE oral (mg/kg)
10,790.49

SECTION 12: Ecological Information

Ecotoxicity
Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

12.1. Toxicity

Toxicity
We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

12.2. Persistence and degradability

Persistence and degradability
The surfactant(s) contained in this product complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

Bioaccumulative potential
The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility
Not known.

12.5. Results of PBT and vPvB assessment
FINAL TOUCH

Results of PBT and vPvB assessment
This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects
Other adverse effects
Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Disposal methods
Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Rinse out empty container with water and consign to normal waste.

SECTION 14: Transport information

General
Not classified for Transport.

14.1. UN number
14.2. UN proper shipping name
14.3. Transport hazard class(es)
14.4. Packing group
14.5. Environmental hazards
14.6. Special precautions for user
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU legislation
The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.
Ingredients are listed with classification under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

15.2. Chemical safety assessment
No chemical safety assessment has been carried out as not applicable as this product is a mixture.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.
ATE: Acute Toxicity Estimate.
GHS: Globally Harmonized System.

Classification abbreviations and acronyms
Acute Tox. = Acute toxicity
Aquatic Acute = Hazardous to the aquatic environment (acute)
Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Eye Dam. = Serious eye damage
Skin Corr. = Skin corrosion
Skin Irrit. = Skin irritation
Skin Sens. = Skin sensitisation
Key literature references and sources for data
Material Safety Data Sheet, Miscellaneous manufacturers. CLP Class - Table 3.1 List of harmonised classification and labeling of hazardous substances. ECHA - C&L Inventory database.

Classification procedures according to Regulation (EC) 1272/2008
Calculation Method.

Revision comments
Addition of Environmental Statement(s) due to change in M-Factor of a Raw Material. & Safety Data Sheet amended in accordance with REACH Commission Regulation (EU) No 2015/830 amendment. (Changes to Sections 2,3,15&16)

Revision date
20/10/2017

Revision
8

SDS status
The Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Hazard Statements relating to this Product see Section 2.

Hazard statements in full
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
EUH208 Contains 4-Tertiary-Butylcyclohexyl Acetate. May produce an allergic reaction.