



Prestone



## SAFETY DATA SHEET Car Interior Disinfectant

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

#### 1.1. Product identifier

|                                 |   |
|---------------------------------|---|
| <b>Product name</b>             | Car Interior Disinfectant   |
| <b>Product number</b>           | SIM46A,SIM46RRP,52501500022,HAPP2201A,SAPP0008A,SAPP0062A   |
| <b>REACH registration notes</b> | This is a MIXTURE; no registration information contained in this document . Holts are classed as Downstream User. |

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

|                        |                 |
|------------------------|-----------------|
| <b>Identified uses</b> | Cleaning agent. |
|------------------------|-----------------|

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

|                       |   |
|-----------------------|---|
| <b>Supplier</b>       | A Holts Car Care Product<br>Holt Lloyd International Ltd<br>Barton Dock Road<br>Stretford<br>Manchester<br>M32 0YQ - England, UK<br>+44 (0) 161 866 4800<br>FAX +44 (0) 161 866 4854<br>www.holtsauto.com |
| <b>Contact person</b> | Contact Email address: info@holtsauto.com   |

#### 1.4. Emergency telephone number

|                            |   |
|----------------------------|---|
| <b>Emergency telephone</b> | UK - 00 44 (0) 161 866 4800 Office hrs = 0900 - 1700 hrs Out of office hours Tel: 020 7358 9167 |
|----------------------------|---|

|  |   |
|--|---|
| <b>National emergency telephone number</b> | <a href="http://echa.europa.eu/en/web/guest/support/helpdesks/national-helpdesks/list-of-national-helpdesks">http://echa.europa.eu/en/web/guest/support/helpdesks/national-helpdesks/list-of-national-helpdesks</a> |
|--|---|

### SECTION 2: Hazards identification

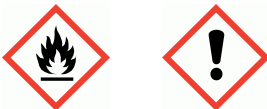
#### 2.1. Classification of the substance or mixture

##### Classification

|                              |  |
|------------------------------|--|
| <b>Physical hazards</b>      | Flam. Liq. 3 - H226                      |
| <b>Health hazards</b>        | Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 |
| <b>Environmental hazards</b> | Not Classified                           |

#### 2.2. Label elements

##### Pictogram



|                    |         |
|--------------------|---------|
| <b>Signal word</b> | Warning |
|--------------------|---------|

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|   |   |
|---|---|
| <b>Hazard statements</b>                      | H319 Causes serious eye irritation.<br>H315 Causes skin irritation.<br>H226 Flammable liquid and vapour.  |
| <b>Precautionary statements</b>               | P102 Keep out of reach of children.<br>P101 If medical advice is needed, have product container or label at hand.<br>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P264 Wash contaminated skin thoroughly after handling.<br>P280 Wear protective gloves/protective clothing/eye protection/face protection.<br>P501 Dispose of contents/container in accordance with local regulations.   |
| <b>Supplementary precautionary statements</b> | P233 Keep container tightly closed.<br>P240 Ground/bond container and receiving equipment.<br>P241 Use explosion-proof electrical equipment.<br>P242 Use only non-sparking tools.<br>P243 Take precautionary measures against static discharge.<br>P302+P352 IF ON SKIN: Wash with plenty of water.<br>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P321 Specific treatment (see medical advice on this label).<br>P332+P313 If skin irritation occurs: Get medical advice/attention.<br>P337+P313 If eye irritation persists: Get medical advice/attention.<br>P362+P364 Take off contaminated clothing and wash it before reuse.<br>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.<br>P403+P235 Store in a well-ventilated place. Keep cool. |

### 2.3. Other hazards

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

##### 3.2. Mixtures

|                       |  |
|-----------------------|--|
| <b>ETHANOL</b>        | <b>10-30%</b>                                    |
| CAS number: 64-17-5   | EC number: 200-578-6                             |
| <b>Classification</b> | <b>Classification (67/548/EEC or 1999/45/EC)</b> |
| Flam. Liq. 2 - H225   | F;R11  |
| <b>METHANOL</b>       | <b>1.17636%</b>                                  |
| CAS number: 67-56-1   | EC number: 200-659-6                             |
| <b>Classification</b> | <b>Classification (67/548/EEC or 1999/45/EC)</b> |
| Flam. Liq. 2 - H225   | F;R11 T;R23/24/25,R39/23/24/25                   |
| Acute Tox. 3 - H301   |  |
| Acute Tox. 3 - H311   |  |
| Acute Tox. 3 - H331   |  |
| STOT SE 1 - H370      |  |

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|   |  |               |
|---|--|---------------|
| <b>DIDECYLDIMETHYLAMMONIUM CHLORIDE</b> |  | <b>1-5%</b>   |
| CAS number: 7173-51-5                   | EC number: 230-525-2                             |               |
| <b>Classification</b>                   | <b>Classification (67/548/EEC or 1999/45/EC)</b> |               |
| Skin Corr. 1B - H314                    | C;R34 Xn;R22                                     |               |
| Acute Tox. 4 - H302                     |  |               |
| Eye Dam. 1 - H318                       |  |               |
| <b>PROPAN-2-OL</b>                      |  | <b>&lt;1%</b> |
| CAS number: 67-63-0                     | EC number: 200-661-7                             |               |
| <b>Classification</b>                   | <b>Classification (67/548/EEC or 1999/45/EC)</b> |               |
| Flam. Liq. 2 - H225                     | F;R11 Xi;R36 R67                                 |               |
| Eye Irrit. 2 - H319                     |  |               |
| STOT SE 3 - H336                        |  |               |

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

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Move affected person to fresh air at once. Get medical attention if any discomfort continues.   |
| <b>Ingestion</b>    | Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues. |
| <b>Skin contact</b> | Remove affected person from source of contamination. Get medical attention if irritation persists after washing.  |
| <b>Eye contact</b>  | Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.     |

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

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

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                       |   |
|---------------------------------------|---|
| <b>Suitable extinguishing media</b>   | Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish. |
| <b>Unsuitable extinguishing media</b> | Do not use water jet as an extinguisher, as this will spread the fire.  |

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

|                                      |  |
|--------------------------------------|--|
| <b>Specific hazards</b>              | In case of fire, toxic and corrosive gases may be formed. No unusual fire or explosion hazards noted.                                  |
| <b>Hazardous combustion products</b> | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen. |

#### 5.3. Advice for firefighters

|   |   |
|---|---|
| <b>Protective actions during firefighting</b> | No specific firefighting precautions known. |
|---|---|

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**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

### SECTION 6: Accidental release measures

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

#### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

#### 6.4. Reference to other sections

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

**Storage class** Flammable liquid storage.

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

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

##### METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m<sup>3</sup>

Sk

##### PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

**Ingredient comments** WEL = Workplace Exposure Limits

#### 8.2. Exposure controls

##### Protective equipment



**Appropriate engineering controls** Provide adequate general and local exhaust ventilation.

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|                                       |   |
|---------------------------------------|---|
| <b>Eye/face protection</b>            | Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.   |
| <b>Hand protection</b>                | Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Rubber (natural, latex). EN374  |
| <b>Other skin and body protection</b> | Wear appropriate clothing to prevent any possibility of skin contact.   |
| <b>Hygiene measures</b>               | Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. |

### SECTION 9: Physical and Chemical Properties

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

|                         |                                  |
|-------------------------|----------------------------------|
| <b>Appearance</b>       | Liquid.                          |
| <b>Colour</b>           | Clear liquid. Colourless. Milky. |
| <b>Odour</b>            | Citrus                           |
| <b>pH</b>               | pH (concentrated solution): ~8.5 |
| <b>Flash point</b>      | 30°C CC (Closed cup).            |
| <b>Relative density</b> | 0.957 @ 20°C                     |

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

#### 10.2. Chemical stability

|                  |  |
|------------------|--|
| <b>Stability</b> | Stable at normal ambient temperatures. |
|------------------|--|

#### 10.3. Possibility of hazardous reactions

#### 10.4. Conditions to avoid

|                            |   |
|----------------------------|---|
| <b>Conditions to avoid</b> | Avoid excessive heat for prolonged periods of time. |
|----------------------------|---|

#### 10.5. Incompatible materials

#### 10.6. Hazardous decomposition products

|   |  |
|---|--|
| <b>Hazardous decomposition products</b> | Fire creates: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). |
|---|--|

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

|                         |          |
|-------------------------|----------|
| <b>ATE oral (mg/kg)</b> | 7,228.57 |
|-------------------------|----------|

##### Acute toxicity - dermal

|                           |          |
|---------------------------|----------|
| <b>ATE dermal (mg/kg)</b> | 25,502.4 |
|---------------------------|----------|

##### Acute toxicity - inhalation

|                                   |           |
|-----------------------------------|-----------|
| <b>ATE inhalation (gases ppm)</b> | 59,505.59 |
|-----------------------------------|-----------|

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ATE inhalation (vapours mg/l) 255.02

ATE inhalation (dusts/mists mg/l) 42.5

|   |  |
|---|--|
| <b>Inhalation</b>                       | No specific health hazards known.  |
| <b>Ingestion</b>                        | May cause discomfort if swallowed. May cause stomach pain or vomiting.                                   |
| <b>Skin contact</b>                     | Prolonged and frequent contact may cause redness and irritation.   |
| <b>Eye contact</b>                      | May cause eye irritation.  |
| <b>Acute and chronic health hazards</b> | This product has low toxicity. Only large quantities are likely to have adverse effects on human health. |

### SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

#### 12.3. Bioaccumulative potential

#### 12.4. Mobility in soil

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

#### 12.6. Other adverse effects

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID) 1987

UN No. (IMDG) 1987

UN No. (ICAO) 1987

UN No. (ADN) 1987

#### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** ALCOHOLS, N.O.S. (CONTAINS ETHANOL, METHANOL)

**Proper shipping name (IMDG)** ALCOHOLS, N.O.S. (CONTAINS ETHANOL, METHANOL)

**Proper shipping name (ICAO)** ALCOHOLS, N.O.S. (CONTAINS ETHANOL, METHANOL)

**Proper shipping name (ADN)** ALCOHOLS, N.O.S. (CONTAINS ETHANOL, METHANOL)

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

ADR/RID class 3

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|                             |    |
|-----------------------------|----|
| ADR/RID classification code | F1 |
| ADR/RID label               | 3  |
| IMDG class                  | 3  |
| ICAO class/division         | 3  |
| ADN class                   | 3  |

### Transport labels



### 14.4. Packing group

|                       |     |
|-----------------------|-----|
| ADR/RID packing group | III |
| IMDG packing group    | III |
| ADN packing group     | III |
| ICAO packing group    | III |

### 14.5. Environmental hazards

#### Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

|  |          |
|--|----------|
| EmS                                    | F-E, S-D |
| ADR transport category                 | 3        |
| Emergency Action Code                  | •3Y      |
| Hazard Identification Number (ADR/RID) | 30       |
| Tunnel restriction code                | (D/E)    |

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

## SECTION 15: Regulatory information

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

|   |  |
|---|--|
| National regulations                            | EH40/2005 Workplace exposure limits.   |
| EU legislation                                  | Dangerous Substances Directive 67/548/EEC.<br>Dangerous Preparations Directive 1999/45/EC.<br>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). |
| Authorisations (Title VII Regulation 1907/2006) | No specific authorisations are known for this product.   |
| Restrictions (Title VIII Regulation 1907/2006)  | No specific restrictions on use are known for this product.  |

## Car Interior Disinfectant

**Water hazard classification**      WGK 0

### 15.2. Chemical safety assessment

#### SECTION 16: Other information

|                                  |  |
|----------------------------------|--|
| <b>Revision date</b>             | 30/11/2015   |
| <b>Revision</b>                  | 1  |
| <b>Supersedes date</b>           | 28/05/2013   |
| <b>SDS number</b>                | 14612  |
| <b>Risk phrases in full</b>      | <p>Not classified.</p> <p>R11 Highly flammable.</p> <p>R22 Harmful if swallowed.</p> <p>R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.</p> <p>R34 Causes burns.</p> <p>R36 Irritating to eyes.</p> <p>R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.</p> <p>R67 Vapours may cause drowsiness and dizziness.</p>   |
| <b>Hazard statements in full</b> | <p>H225 Highly flammable liquid and vapour.</p> <p>H226 Flammable liquid and vapour.</p> <p>H301 Toxic if swallowed.</p> <p>H302 Harmful if swallowed.</p> <p>H311 Toxic in contact with skin.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H315 Causes skin irritation.</p> <p>H318 Causes serious eye damage.</p> <p>H319 Causes serious eye irritation.</p> <p>H331 Toxic if inhaled.</p> <p>H336 May cause drowsiness or dizziness.</p> <p>H370 Causes damage to organs .</p> |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.