



**The Clorox Company**  
1221 Broadway  
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# Material Safety Data Sheet

| <b>I Product:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                            | CLOROX® DISINFECTING WIPES – ORANGE SCENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |            |               |                       |                                                                                |        |                 |                                                                    |        |                 |                             |       |                                                      |
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| <b>Description:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                            | FRAGRANCED, MOISTENED TOWELETTE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |            |               |                       |                                                                                |        |                 |                                                                    |        |                 |                             |       |                                                      |
| <b>Other Designations</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Distributor</b>                                         | <b>Emergency Telephone Nos.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |            |               |                       |                                                                                |        |                 |                                                                    |        |                 |                             |       |                                                      |
| EPA Reg. No. 5813-58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Clorox Sales Company<br>1221 Broadway<br>Oakland, CA 94612 | For Medical Emergencies call:<br>(800) 446-1014<br>For Transportation Emergencies Chemtrec<br>(800) 424-9300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |            |               |                       |                                                                                |        |                 |                                                                    |        |                 |                             |       |                                                      |
| <b>II Health Hazard Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                            | <b>III Hazardous Ingredients</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |               |                       |                                                                                |        |                 |                                                                    |        |                 |                             |       |                                                      |
| <p><u>Eye Contact:</u> Can cause moderate eye irritation.</p> <p><u>Ingestion:</u> Liquid should be practically non-toxic if ingested.</p> <p><u>Skin Contact:</u> Prolonged skin contact may produce minor irritation.</p> <p><b>FIRST AID:</b> EYES- Flush with plenty of water. Call a physician if irritation persists. IF SWALLOWED- Drink a glassful of water. Call a physician or poison control center. SKIN- Wash thoroughly with soap and water after handling. INHALATION- If breathing is effected, move to fresh air.</p> <p>Under normal consumer use conditions the likelihood of any adverse health effects are low.</p>                                                                                                                                             |                                                            | <table border="1"><thead><tr><th>Ingredient</th><th>Concentration</th><th>Worker Exposure Limit</th></tr></thead><tbody><tr><td>n-Alkyl (C14, 60%; C16, 30% C12, 5%; C18, 5%) dimethylbenzyl ammonium chloride</td><td>0.145%</td><td>Not established</td></tr><tr><td>n-Alkyl(C12, 68%, C14, 32%) Dimethyl Ethylbenzyl ammonium chloride</td><td>0.145%</td><td>Not established</td></tr><tr><td>Isopropanol<br/>CAS #67-63-0</td><td>1- 5%</td><td>200 ppm/400 ppm<sup>1</sup><br/>400 ppm<sup>2</sup></td></tr></tbody></table> <p><sup>1</sup>TLV-TWA- Threshold Limit Value-Time Weighted Average.<br/>STEL- Short Term Exposure Limit<br/><sup>2</sup>PEL- OSHA Permissible Exposure Limit</p> <p>None of the ingredients in this product are on the IARC, NTP or OSHA carcinogen lists.</p> |  | Ingredient | Concentration | Worker Exposure Limit | n-Alkyl (C14, 60%; C16, 30% C12, 5%; C18, 5%) dimethylbenzyl ammonium chloride | 0.145% | Not established | n-Alkyl(C12, 68%, C14, 32%) Dimethyl Ethylbenzyl ammonium chloride | 0.145% | Not established | Isopropanol<br>CAS #67-63-0 | 1- 5% | 200 ppm/400 ppm <sup>1</sup><br>400 ppm <sup>2</sup> |
| Ingredient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Concentration                                              | Worker Exposure Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |            |               |                       |                                                                                |        |                 |                                                                    |        |                 |                             |       |                                                      |
| n-Alkyl (C14, 60%; C16, 30% C12, 5%; C18, 5%) dimethylbenzyl ammonium chloride                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.145%                                                     | Not established                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |            |               |                       |                                                                                |        |                 |                                                                    |        |                 |                             |       |                                                      |
| n-Alkyl(C12, 68%, C14, 32%) Dimethyl Ethylbenzyl ammonium chloride                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.145%                                                     | Not established                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |            |               |                       |                                                                                |        |                 |                                                                    |        |                 |                             |       |                                                      |
| Isopropanol<br>CAS #67-63-0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1- 5%                                                      | 200 ppm/400 ppm <sup>1</sup><br>400 ppm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |            |               |                       |                                                                                |        |                 |                                                                    |        |                 |                             |       |                                                      |
| <b>IV Special Protection and Precautions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                            | <b>V Transportation and Regulatory Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |            |               |                       |                                                                                |        |                 |                                                                    |        |                 |                             |       |                                                      |
| <p>No special protection or precautions have been identified for using this product under directed consumer use conditions.</p> <p>The following recommendations are given for production facilities and for other conditions and situations where there is increased potential for accidental, large-scale or prolonged exposure.</p> <p><u>Hygienic Practices-</u> Wear safety glasses. Use rubber or nitrile gloves if in contact liquid, especially for prolonged periods.</p> <p><u>Engineering Controls:</u> Use general ventilation to minimize exposure to vapor or mist.</p> <p><u>Work Practices:</u> Avoid eye and skin contact and inhalation of vapor or mist. Avoid contact with food. Not for personal cleansing.</p> <p><b>KEEP OUT OF THE REACH OF CHILDREN</b></p> |                                                            | <p><u>U.S. DOT, IATA, IMG Hazard Class:</u> Not restricted.</p> <p><u>U.S. DOT Proper Shipping Name:</u> None</p> <p><u>EPA- SARA Title III/CERCLA:</u> Product may be regulated under Sections 311/312. This product contains no chemicals regulated under Section 304/CERCLA or Section 313.</p> <p><u>TSCA/DSL:</u> All chemicals in this product are listed on the TSCA Inventory. The DSL status for some components has not been determined.</p>                                                                                                                                                                                                                                                                                                                                             |  |            |               |                       |                                                                                |        |                 |                                                                    |        |                 |                             |       |                                                      |
| <b>VI Spill Procedures/Waste Disposal</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                            | <b>VII Reactivity Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |            |               |                       |                                                                                |        |                 |                                                                    |        |                 |                             |       |                                                      |
| <p><u>Spill Procedures:</u> Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed down material.</p> <p><u>Waste Disposal:</u> Disposal must be made in accordance with applicable federal, state and local regulations.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                            | <p><u>Stability:</u> Mixing with sodium hypochlorite may release small amounts of formaldehyde gas.</p> <p><u>Storage/Disposal:</u> Do not use or store near heat or open flame.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |            |               |                       |                                                                                |        |                 |                                                                    |        |                 |                             |       |                                                      |
| <b>VIII Fire and Explosion Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                            | <b>IX Physical Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |            |               |                       |                                                                                |        |                 |                                                                    |        |                 |                             |       |                                                      |
| <p>Flashpoint: &gt;119°F Method: Closed cup.</p> <p>Unusual Fire and Explosion Hazards: None</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                            | <p>Flashpoint..... &gt;119°F</p> <p>Specific Gravity..... 0.99 g/cc.</p> <p>pH..... 5.0-6.0</p> <p>Solubility in Water .....Liquid is completely dispersible</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |            |               |                       |                                                                                |        |                 |                                                                    |        |                 |                             |       |                                                      |

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DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH

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