



The Clorox Company
 1221 Broadway
 Oakland, CA 94612
 Tel. 1-510-271-7000

Material Safety Data Sheet

| I Product: GREEN WORKS® 98% NATURALLY DERIVED LAUNDRY DETERGENT – FREE & CLEAR | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|---------------|-----------------------|--|---------|------------------|---|--------|------------------|--|--------|------------------|---------------------------|--------|---|---------------------------------------|--------|---|------------------------------------|-------|---|-----------------------------------|-------|------------------|
| Description: CLEAR, SLIGHTLY YELLOW, VISCOUS LIQUID WITH A CLEAN, SOAPY ODOR | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Distributor | | | | | | | | | | | | | | | | | | | | | | | | |
| | The Clorox Sales Company 1221 Broadway Oakland, CA 94612 | | | | | | | | | | | | | | | | | | | | | | | | |
| | Emergency Telephone Nos. | | | | | | | | | | | | | | | | | | | | | | | | |
| | For Medical Emergencies, call 1-800-446-1014. For Transportation Emergencies, call 1-800-424-9300 (Chemtrec). | | | | | | | | | | | | | | | | | | | | | | | | |
| II Health Hazard Data | III Hazardous Ingredients | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Eye irritant. May be harmful if ingested.</p> <p>No medical conditions are known to be aggravated by exposure to this product.</p> <p>FIRST AID:</p> <p>EYE CONTACT: Flush eyes with water for at least 15 minutes. If irritation persists, call a doctor.</p> <p>SKIN CONTACT: Rinse with plenty of water. If irritation persists, call a doctor.</p> <p>INGESTION: Drink a glassful of water. Call a doctor or poison control center.</p> <p>INHALATION: Move person to fresh air. If breathing problems develop, call a doctor.</p> | <table border="1"> <thead> <tr> <th>Ingredient</th> <th>Concentration</th> <th>Worker Exposure Limit</th> </tr> </thead> <tbody> <tr> <td>Alkyl polyglucoside CAS # 110615-47-9</td> <td>5 - 10%</td> <td>Not established.</td> </tr> <tr> <td>Sodium lauryl sulfate CAS # 151-21-3</td> <td>1 - 5%</td> <td>Not established.</td> </tr> <tr> <td>Sodium octyl sulfate CAS # 142-31-4</td> <td>1 - 5%</td> <td>Not established.</td> </tr> <tr> <td>Glycerin CAS # 56-81-5</td> <td>1 - 5%</td> <td>10 mg/m³ - TLV-TWA^a 15 mg/m³ - PEL^b (total) 5 mg/m³ - PEL^b (respirable)</td> </tr> <tr> <td>Sodium tetraborate CAS # 1330-43-4</td> <td>1 - 5%</td> <td>6 mg/m³ - TLV-TWA^{a,c} 2 mg/m³ - TLV-STEL^{d,c}</td> </tr> <tr> <td>Protease enzyme CAS # 9014-01-1</td> <td><0.1%</td> <td>0.06 µg/m³ - TLV-C^e</td> </tr> <tr> <td>Amylase enzyme CAS # 9000-90-2</td> <td><0.1%</td> <td>Not established.</td> </tr> </tbody> </table> <p>^aTLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average ^bPEL = OSHA Permissible Exposure Limit - Time Weighted Average ^cInhalable fraction, listed under borate compounds, inorganic ^dTLV-STEL = ACGIH Threshold Limit Value - Short Term Exposure Limit ^eTLV-C = ACGIH Threshold Limit Value - Ceiling limit for pure crystalline subtilisin.</p> <p>None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.</p> | Ingredient | Concentration | Worker Exposure Limit | Alkyl polyglucoside CAS # 110615-47-9 | 5 - 10% | Not established. | Sodium lauryl sulfate CAS # 151-21-3 | 1 - 5% | Not established. | Sodium octyl sulfate CAS # 142-31-4 | 1 - 5% | Not established. | Glycerin CAS # 56-81-5 | 1 - 5% | 10 mg/m ³ - TLV-TWA ^a 15 mg/m ³ - PEL ^b (total) 5 mg/m ³ - PEL ^b (respirable) | Sodium tetraborate CAS # 1330-43-4 | 1 - 5% | 6 mg/m ³ - TLV-TWA ^{a,c} 2 mg/m ³ - TLV-STEL ^{d,c} | Protease enzyme CAS # 9014-01-1 | <0.1% | 0.06 µg/m ³ - TLV-C ^e | Amylase enzyme CAS # 9000-90-2 | <0.1% | Not established. |
| Ingredient | Concentration | Worker Exposure Limit | | | | | | | | | | | | | | | | | | | | | | | |
| Alkyl polyglucoside CAS # 110615-47-9 | 5 - 10% | Not established. | | | | | | | | | | | | | | | | | | | | | | | |
| Sodium lauryl sulfate CAS # 151-21-3 | 1 - 5% | Not established. | | | | | | | | | | | | | | | | | | | | | | | |
| Sodium octyl sulfate CAS # 142-31-4 | 1 - 5% | Not established. | | | | | | | | | | | | | | | | | | | | | | | |
| Glycerin CAS # 56-81-5 | 1 - 5% | 10 mg/m ³ - TLV-TWA ^a 15 mg/m ³ - PEL ^b (total) 5 mg/m ³ - PEL ^b (respirable) | | | | | | | | | | | | | | | | | | | | | | | |
| Sodium tetraborate CAS # 1330-43-4 | 1 - 5% | 6 mg/m ³ - TLV-TWA ^{a,c} 2 mg/m ³ - TLV-STEL ^{d,c} | | | | | | | | | | | | | | | | | | | | | | | |
| Protease enzyme CAS # 9014-01-1 | <0.1% | 0.06 µg/m ³ - TLV-C ^e | | | | | | | | | | | | | | | | | | | | | | | |
| Amylase enzyme CAS # 9000-90-2 | <0.1% | Not established. | | | | | | | | | | | | | | | | | | | | | | | |
| IV Special Protection and Precautions | V Transportation and Regulatory Data | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Hygienic Practices: Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.</p> <p>Engineering Controls: Use local exhaust to minimize exposure to product mist.</p> <p>Personal Protective Equipment: Wear safety glasses. Wear rubber or neoprene gloves if there is the potential for repeated or prolonged skin contact.</p> | <p>DOT/IMDG/IATA: Not restricted.</p> <p>EPA - SARA Title III/CERCLA: This product is regulated under Sections 311/312. This product contains no chemicals that are regulated under Section 313 or under Section 304/CERCLA.</p> <p>TSCA 8(b): All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.</p> <p>TSCA 12(b): This product is not subject to TSCA 12(b) reporting requirements.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| VI Spill Procedures/Waste Disposal | VII Reactivity Data | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Spill Procedures: 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>Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.</p> | <p>Stable under normal use and storage conditions.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| VIII Fire and Explosion Data | IX Physical Data | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Flash Point: >93°C (closed cup).</p> <p>Fire Extinguishing Agents: Dry chemical, carbon dioxide (CO₂), foam, or water spray.</p> | <p>pH.....8 – 9</p> <p>Solubility in waterAppreciable</p> <p>Viscosity (cP)~500</p> | | | | | | | | | | | | | | | | | | | | | | | | |