

**Armor All Products Company**

1221 Broadway  
Oakland, CA 94612  
Tel. (510) 271-7000

# Material Safety Data Sheet

| <b>I Product:</b> ARMOR ALL AUTO GLASS CLEANER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |               |                       |                                                     |       |                 |                             |       |                                                      |
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| <b>Description:</b> CLEAR LIQUID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |               |                       |                                                     |       |                 |                             |       |                                                      |
| <b>Other Designations</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Manufacturer</b>                                              | <b>Emergency Telephone Nos.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |               |                       |                                                     |       |                 |                             |       |                                                      |
| Window Cleaner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Armor All Products 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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |               |                       |                                                     |       |                 |                             |       |                                                      |
| Eye contact may result in temporary conjunctival redness. Ingestion of large amounts may cause indigestion. Under normal consumer use and conditions, the likelihood of adverse health effects is low.<br><br>No medical conditions are known to be aggravated by exposure to this product.<br><br><u>FIRST AID:</u><br><u>EYE CONTACT:</u> Remove contact lenses. Flush eyes thoroughly with plenty of water for 15 minutes. If irritation occurs, get medical attention.<br><br><u>SKIN CONTACT:</u> Wash area with soap and water. If irritation occurs, get medical attention.<br><br><u>INGESTION:</u> Drink a glassful of water. Get medical attention.<br><br><u>INHALATION:</u> If breathing problems occur, remove to fresh air. |                                                                  | <table border="1"><thead><tr><th>Ingredients</th><th>Concentration</th><th>Worker Exposure Limit</th></tr></thead><tbody><tr><td>Propylene glycol<br/>n-butyl ether<br/>CAS# 5131-66-8</td><td>1- 5%</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/><sup>2</sup>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 list.</p> | Ingredients | Concentration | Worker Exposure Limit | Propylene glycol<br>n-butyl ether<br>CAS# 5131-66-8 | 1- 5% | Not established | Isopropanol<br>CAS #67-63-0 | 1- 5% | 200 ppm/400 ppm <sup>1</sup><br>400 ppm <sup>2</sup> |
| Ingredients                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Concentration                                                    | Worker Exposure Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |               |                       |                                                     |       |                 |                             |       |                                                      |
| Propylene glycol<br>n-butyl ether<br>CAS# 5131-66-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1- 5%                                                            | 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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |               |                       |                                                     |       |                 |                             |       |                                                      |
| <u>Hygienic Practices:</u> Wear safety glasses. Wash hands with soap and water after use.<br><br><u>Engineering Controls:</u> Use general ventilation to minimize exposure to vapor or mists.<br><br><u>Work Practices:</u> Avoid eye and skin contact and inhalation of vapor or mist.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                  | <u>DOT/IATA/IMO:</u> Not restricted<br><br><u>TSCA Status:</u> All ingredients in this product are listed on the TSCA inventory.<br><br><u>EPA - SARA Title III/CERCLA:</u><br>This product is not reportable under Sections 311/312 or 313; and contains no chemicals which are regulated under Section 304/CERCLA.                                                                                                                                                                                                                                                                                                                                      |             |               |                       |                                                     |       |                 |                             |       |                                                      |
| <b>VI Spill Procedures/Waste Disposal</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                  | <b>VII Reactivity Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |               |                       |                                                     |       |                 |                             |       |                                                      |
| <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. For spills of multiple products, responders should evaluate the MSDS's of the products for incompatibility with this product.<br><br><u>Waste Disposal:</u> Dispose of in accordance with all applicable federal, state and local regulations.                                                                                                                                                                                                                                                                                              |                                                                  | Stable under normal use and conditions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |               |                       |                                                     |       |                 |                             |       |                                                      |
| <b>VIII Fire and Explosion Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                  | <b>IX Physical Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |               |                       |                                                     |       |                 |                             |       |                                                      |
| <u>Fire Extinguishing Agents:</u> Water, water fog, dry chemical, foam or carbon dioxide (CO <sub>2</sub> ).<br><br>If product has undergone partial or complete evaporation, may be combustible.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                  | Boiling Point.....212°F/100°C<br>Flashpoint (Hezog Closed Cup) .....147° F<br>Specific Gravity (H <sub>2</sub> O).....1.00 @ 25° C<br>Solubility in Water ..... Easily soluble<br>pH ..... 9 - 11                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |               |                       |                                                     |       |                 |                             |       |                                                      |