1. Identification:
   Product Identity: Window Cleaner
   Recommended Use: General Purpose Water-Based Cleaner
   Producer / Distributor
   Multi-Clean
   600 Cardigan Road
   Shoreview, MN 55126
   Telephone Number for Information: 651-481-1900
   Emergency Telephone Number: 800-255-3924

2. Hazard Identification:
   Classification:
   Health Class
   Mild Skin Irritation Category 3
   Eye Irritant Category 2
   Reproductive Toxicity Category 2
   Specific Target Organ Toxicity - Single Exposure Category 2
   Specific Target Organ Toxicity - Repeated Exposure Category 2
   Physical Class
   Flammable Liquid Category 3
   Environment Class
   Label
   Symbols

   Signal Word Warning
   Hazard Statements:
   Causes mild skin irritation.
   Causes eye irritation.
   Suspected of damaging fertility or the unborn child.
   May cause damage to central nervous system, respiratory tract, kidneys, and/or ears.
   May cause damage to liver through prolonged or repeated exposure.
   Flammable liquid and vapor.
   Precautionary Statements:
   Do not handle until all safety precautions have been read and understood.
   Use explosion-proof electrical/ventilating/lighting/equipment.
   Use only non-sparking tools.
   Take precautionary measures against static discharge
   Wear protective gloves/protective clothing/eye protection/face protection.
   Wash hands thoroughly after handling.
   Do not breathe dust/fume/gas/mist/vapors/spray.
   Wash hands thoroughly after handling.
   IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
   If skin irritation occurs: Get medical attention.
   IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
   If eye irritation persists: Get medical attention.
   If exposed or concerned: Get medical attention.
   In case of fire: Use alcohol foam, CO2, dry chemical, water fog, or vaporizing liquid to extinguish.
   Keep away from heat/sparks/open flames/hot surfaces. No smoking.
   Keep container tightly closed.
   Store locked up, in a well-ventilated place. Keep cool.
   Dispose of contents in accordance with local regulations.

3. Composition/Information on Ingredients
   Ingredient CAS Number Percent by Weight
   Isopropyl Alcohol 67-63-0 10 - 30
   Propylene Glycol Monomethyl Ether 107-98-2 3 - 7
   Water 7732-18-5 60 - 100

4. First-Aid Measures:
   Ingestion: If Swallowed: Call a physician immediately.
   Eye Contact: Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention.
   Skin Contact: Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.
   Inhalation: Move to fresh air.
5. Fire Fighting Measures:
   Suitable Extinguishing Media: Alcohol Foam - CO2 - Dry Chemical - Water Fog - Vaporizing Liquid
   Special Fire Fighting Procedures: Water hose stream may spread fire, Use water spray to keep containers cool
   Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel over distances to ignition sources (heat, flames, sparks, pilot lights etc.) where ignition may occur around all equipment

6. Accidental Release Measures:
   Extinguish all sources of possible ignition (flames, sparks, pilot lights, etc.) and provide ventilation. For large spills, dike and contain spill with inert material [sand, earth, etc.]. Collect spill with absorbent material [example; floor-dry]. For small spills, wipe up spill with mop or rag. Dispose of or treat mop or rag properly to avoid fire.

7. Handling and Storage:
   Handling: Keep out of reach of children
   Storage: Do not store near heat sparks or flame.

8. Exposure Controls / Personal Protection:
   Ingredients:
   - Isopropyl Alcohol
   - Propylene Glycol Monomethyl Ether
   CAS Number: 67-63-0
   Osha PEL: 400 ppm
   ACGIH TLV: 400 ppm
   Engineering Controls: Ventilate to maintain vapor levels below exposure limits.
   Eye Protection: Approved Safety Goggles or Glasses
   Skin Protection: Chemical Resistant Rubber Gloves
   Respiratory Protection: Not required, Avoid breathing spray mist

9. Physical and Chemical Properties:
   Physical State: Liquid
   Appearance: Blue
   Odor: Alcohol
   Solubility: Complete
   Evaporation Rate: NA
   Vapor Pressure (MM HG): NA
   %volatile: > 95%
   pH: 10 - 11
   Specific Gravity (H2O = 1): 0.971
   Flash Point: 80°F (27°C)
   Boiling Point: 131 - 212°F (55 - 100°C)
   Flammability: Flammable
   Stability and Reactivity:
   Chemical Stability: Stable
   Possibility of Hazardous Reactions: None are known
   Incompatibility (Materials to Avoid): Oxidizing Material, Anhydride, Isocyanate Monomer and Organometallic
   Hazardous Decomposition or By-products: None
   Hazardous Polymerization: Will not Occur
   Conditions to Avoid: None are known

11. Toxicological Information:
   Signs and Symptoms of Overexposure: May cause headaches or narcotic effects. Causes irritation to the skin and eyes.
   Acute Effects:
   - Eye Contact: Causes irritation on contact
   - Skin Contact: Causes irritation on prolonged or repeated contact
   - Inhalation: May be harmful
   - Ingestion: May be harmful if swallowed
   Target Organ Effects: Central nervous system, Respiratory tract, Kidneys, Ears, Liver
   Chronic Effects: May cause damage to central nervous system, respiratory tract, kidneys, and/or ears. May cause damage to liver through prolonged or repeated exposure.
   Acute Toxicity Values:
   - Oral LD 50 = > 5000 mg/kg
   - Dermal LD 50 = > 5000 mg/kg
   - Inhalation (Vapor) LC 50 = > 50 mg/l

12. Ecological Information:
   Persistence and Degradability: Not Available
   Bio Accumulative Potential: Not Available
   Mobility in Soil: Not Available
   Aquatic Toxicity: Not Available
13. **Disposal Considerations:**
   Material that cannot be used during normal use should be disposed of in accordance with all applicable local, state and federal regulations. Waste from normal cleaning procedures may be disposed of in a sanitary sewer depending on the materials and/or contaminants being cleaned as well as local, state and federal sewer regulations.

14. **Transportation Information:**
   - **UN Number:** UN1993
   - **Shipping Name:** Flammable liquid N.O.S. (Isopropanol)
   - **Transport Hazard Class:** 3
   - **Packing Group:** III
   - **Marine Pollutant:** NO

15. **Regulatory Information:**
   - **TSCA Status:** All ingredients listed
   - **Clean Water Act:** None of the chemicals in this product are listed under the CWA
   - **Clean Air Act:** None of the chemicals in this product are listed under the CAA
   - **CERCLA Reportable Quantity:** None
   - **SARA Title III Information:**
     - **Section 302 Extremely Hazardous Chemicals:** None Listed
     - **Section 311 / 312 Hazard Category:** Immediate Health, Fire
     - **Section 313 Toxic Chemicals:** Isopropyl Alcohol (67-63-0)
   - **State Regulations:** None
   - **International Regulations:** WHMIS Controlled Product Hazard Class: B2, D2B

16. **Other Information:**
   - **Prepared By:** Ron Camp
   - **Telephone Number:** 651-481-1900
   - **Revision Date:** 6/7/2013
   - **Supersedes:** 4/1/2012

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