



**MATERIAL SAFETY DATA SHEET Finished Product.**

**SECTION 1 - CHEMICAL SUBSTANCE/PRODUCT AND COMPANY IDENTIFICATION**

- **Finished Product Name:** Braun Clean & Renew (60840141)
- **Company Identification:**  
Braun, A Division of P&G  
Boston, MA 02199  
  
Contact: Consumer Relations at 1-800-Braun-11 (1-800-272-8611).
- **In case of medical emergencies, please contact your local poison control center.**
- **Transportation emergency (24 hour), contact:**  
CHEMTREC - Phone # 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (for calls originating elsewhere).
- **DATE:** December, 2008

**SECTION 2 - HAZARDS IDENTIFICATION**

**POTENTIAL HEALTH EFFECTS:**

- **Eye:**  
Contact may cause mild, transient irritation. Some redness and/or stinging may occur.
- **Skin:**  
Not expected to be irritating, sensitizing, photoallergenic or phototoxic when used as intended. If irritation occurs following intended use or prolonged contact it is expected to be mild and transient.
- **Inhalation:**  
Not expected to be irritating to the respiratory system under intended use.
- **Ingestion:**  
Product used as intended is not expected to cause gastrointestinal irritation. Accidental ingestion of undiluted product may cause mild gastrointestinal irritation with nausea, vomiting and diarrhea.

**SECTION 3 - COMPOSITION AND INGREDIENTS**

The complete ingredient list for the finished product is as follows:

Alcohol Denat., Fragrance, Limonene, Citral.

This product contains the following fragrance allergens: Limonene, Citral.

Hazardous Ingredients as defined by OSHA, 29CFR 1910.1200 and/or WHMIS under the HPA:

Chemical Name	Common Name	CAS No.	Composition Range	TLV/LD50/LC50
Ethanol	Alcohol Denatured	64-17-5	60-100%	LD50 (oral) = 3450 (mouse), 7,060 mg/kg (rat)  LC <sub>50</sub> (10 hr) inhalation rat 20,000 ppm, LC <sub>50</sub> (4 hr) inhalation mouse 39,000 mg m <sup>-3</sup>

#### SECTION 4 - FIRST AID MEASURES

- **Eye:**

Thorough rinsing for 15-20 minutes of the affected eye with water is recommended. If discomfort or irritation persists, contact a physician.

- **Skin Problem:**

Discontinue use of product. Apply cold compresses to affected areas to relieve any discomfort. If discomfort persists, contact a physician.

- **Inhalation:**

If respiratory irritation occurs, remove individual to fresh air.

- **Ingestion:**

Accidental ingestion of product may necessitate medical attention. In case of accidental ingestion dilute with fluids (water or milk) and treat symptomatically. Do not induce vomiting. Note: After first aid treatment, the caller should be advised that 1) a hospital emergency room or family physician should be consulted if anything unusual occurs or appears necessary in the judgment of the caller, and 2) that the subsequent management of the accident should be dictated by any persistent symptoms and under the direction of the physician.

#### SECTION 5 - FIRE FIGHTING MEASURES

- **Flash Point:** 55.4°F (13°C)

- **Extinguishing Media:** Use chemical foam, dry chemical, carbon dioxide or water.

- **Explosion Hazard:** Flammable Liquid. Explosive mixture may form with air if large quantities of product are released in unventilated areas.

- **Fire Fighting Instructions:** Contact emergency personnel. Flammable material. Explosive mixtures may form with air. Use self-contained breathing apparatus and full protective gear, if large quantities of product are involved. Hazardous decomposition products may be released. Thermal degradation may produce oxides of carbon and/or nitrogen; hydrocarbons and/or derivatives.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

- **Procedures for Spill/Leak Clean-up:**

**For Household Settings:** Absorb spill and scrub area with detergent. Dilute with water. Ventilate area and eliminate all ignition sources.

**For Non-Household Settings:** Ventilate area and eliminate all ignition sources. Use safety glasses or safety goggles if splash hazards exist; use gloves and other protective clothing (apron, boots, etc) to prevent skin contact.

## SECTION 7 - HANDLING AND STORAGE

- **Precautions for Safe Handling:**

**For Household Settings:** Do not expose to heat or flame.

**For Non-Household Settings:** Avoid heat, sparks, flame, or smoking during use. Avoid extreme heat and ignition sources. Avoid spraying toward open flame.

- **Conditions for Safe Storage:**

**For Household Settings:** Avoid heat, sparks, flame, or smoking. Avoid extreme heat and ignition sources. Store away from oxidizers. Store between 41-95°F (5-35°C).

**For Non-Household Settings:** Store away from oxidizers. Store in a well ventilated, cool area. Store in accordance with local requirements for Class IB Flammable Liquids.

**Other Recommendations:** None.

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

**Exposure Guidelines:** N/A

**Engineering Controls:**

**Ventilation Mechanical (General):** Normal/general dilution is acceptable.

**Personal Protective Equipment (PPE):**

**Eye/Face Protection:** None required with normal consumer use.

**Occupational Setting:** For splash protection use chemical goggles. Eye Wash fountain is desirable.

**Skin Protection:** None required with normal consumer use.

**Occupational Setting:** Protective gloves (rubber/neoprene) should be used for prolonged direct contact.

**Respiratory Protection:** None required with normal use.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- **Color, Odor and Appearance:** Colorless with lemon-like odor.

- **Melting Point:** N/A

- **Physical State:** Liquid.

- **Boiling Point:** Not Applicable.

- **pH:** Not applicable.

- **Solubility in Water:** Soluble.

<ul style="list-style-type: none"> <li>• <b>Flashpoint:</b> 55.4°F (13°C)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>% VOC:</b> Not Applicable.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Vapor Density:</b> Not Applicable.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Specific Gravity:</b> 0.791 g/mL.</li> </ul>

<b>SECTION 10 - STABILITY AND REACTIVITY</b>
<ul style="list-style-type: none"> <li>• <b>Conditions to Avoid:</b> Avoid extreme heat and ignition sources. Store away from oxidizers.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Other Recommendations:</b> None.</li> </ul>

<b>SECTION 11 - TOXICOLOGICAL INFORMATION</b>
<p><b>Chronic Effects:</b> Finished product is not expected to have chronic health effects.</p> <p><b>Target Organs:</b> No adverse health effects on target organs expected for finished product.</p> <p><b>Carcinogenicity:</b> Finished product is not expected to be carcinogenic.</p> <p style="text-align: center;"><b>NTP:</b> No <b>IARC:</b> No <b>OSHA:</b> No</p>

<b>SECTION 12 - ECOLOGICAL INFORMATION</b>
<p>The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices. Additional information is available from the supplier on request.</p>

<b>SECTION 13 - DISPOSAL CONSIDERATIONS</b>
<p>Disposal should be in accordance with Federal, State/Provincial and Local regulations.</p> <p><b>For Household Settings:</b> The following instructions are for consumer usage only. Do not discharge product into natural waters without pre-treatment or adequate dilution. Keep product closed to avoid volatilization.</p> <p><b>For Non-Household Settings:</b> Products covered by this MSDS, in their original form, when disposed as waste, are ignitable hazardous waste, D001 according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.</p> <p><b>California Waste Code:</b> 331</p>

<b>SECTION 14 - TRANSPORT INFORMATION</b>
<p>Finished packaged product transported by ground (DOT): Consumer Commodity ORM-D.</p> <p>Finished packaged product transported by vessel (IMDG): UN 1170, Ethanol Solution, Class 3, PG II, 13°C (c.c.), LTD. QTY.</p> <p>Finished packaged product transported by air (IATA): Consumer Commodity, ID 8000, Class 9</p>

<b>SECTION 15 - ADDITIONAL REGULATORY INFORMATION</b>
<p><b><u>US Federal</u></b></p>

All intentionally-added components of this product are listed on the US TSCA inventory.

While the finished product(s) is not considered hazardous as defined in 29 CFR 1910.1200 (d), this MSDS contains valuable information critical to the safe handling and proper use of the product.

**CERCLA reportable quantity (RQ):**

Ingredient	CAS #	Level	RQ
RCRA Hazardous Waste No. D001/Unlisted Hazardous Waste Characteristic of Ignitability (Alcohol Denatured)	64-17-5	60-100%	100 lbs.

**SARA 313/302/304/311/312 chemicals:** None.

**Canada**

All ingredients are CEPA approved for import to Canada. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and this MSDS contains all information required by the CPR.

**US States**

**CA Prop 65:**

This product is not subject to warning labeling under California Proposition 65.

**State Right-to-Know:**

The following ingredients are present in the finished product and are listed on the following state right-to-know lists:

Ingredient	CAS #	Level	State				
Ethanol	64-17-5	60-100%	NJ	IL	MA	PA	RI
Limonene	138-86-3	<0.5%	NJ				

**Other**

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

**SECTION 16 - OTHER INFORMATION**

**DISCLAIMER:** This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumed no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.