

**Section 1: PRODUCT AND COMPANY IDENTIFICATION**

DISTRIBUTOR: Kendall and Son, Ltd.  
 ADDRESS: 1303 Industrial Dr., P.O. Box 1059, Royse City, TX 75189  
 Emergency Telephone Number: 800-535-5053  
 Product Name: ROYAL FLUSH Bowl, Tile & Grout Cleaner PP-836  
 Issue Date: 9-9-09  
 Supersedes Date:

**Section 2: COMPOSITION/INFORMATION ON INGREDIENTS**

Component/CAS #	% by Wt.
Isopropanol (CAS# 67-63-0)	8.5%

**Section 3: HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW:**

Appearance/Odor: Clear, Slightly Viscous, Pink Liquid  
 Concentrate may cause eye irritation. Prolonged or repeated contact with skin may cause irritation.  
 May cause gastric distress if ingested.  
 Potential Health Effects: See Section 11 for more information  
 Likely Routes of Exposure: skin contact, eye contact, inhalation  
 Skin: Concentrated material may cause irritation of the skin.  
 Eyes: Concentrated material may cause irritation to eyes.  
 Inhalation: Not considered a hazardous route of exposure.  
 Ingestion: Ingestion can cause gastrointestinal distress.  
 This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.  
 This Material is NOT considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).  
 Potential Environmental Effects: See Section 12 for more information)

**Section 4: FIRST AID MEASURES**

FOR SKIN: Wash off skin and remove contaminated clothing.  
 FOR EYES: Flush eyes immediately with plenty of water for at least 15 minutes. Seek immediate medical aid.  
 IF INGESTED: If swallowed, do not induce vomiting. Have a person sip a glass of water if able to swallow. Consult a physician immediately.

**Section 5: FIRE FIGHTING MEASURES**

FLASH POINT (°F): > 150° F  
 FLAMMABLE LIMITS: Not determined.  
 EXTINGUISHING MEDIA: Dry chemical, foam, carbon dioxide, water fog or any other agent suitable for surrounding fire.  
 FIRE FIGHTING EQUIPMENT & INSTRUCTIONS: Firefighters should wear full protective clothing including self-contained breathing apparatus.  
 Hazardous Combustion Products: Irritating gases or fumes may be released during a fire.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

**Section 6: ACCIDENTAL RELEASE MEASURES**

Personal Precautions: Use personal protection recommended in Section 8.  
 For small spills: rinse to local drains. For larger spills: recontainerize by mopping, wet vacuum or the use of a suitable absorbent. Rinse remaining material to drains. Prevent entry into waterways, sewers, basements or confined areas.

**Section 7: HANDLING AND STORAGE**

Handling Procedures: Avoid contact with skin and eyes. Use good personal hygiene practices.  
 Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water. Storage Procedures: Keep the container tightly closed and in a cool, well-ventilated place. Store between 50° and 100° F at relative humidity 50-60%. Keep from freezing. Do not handle or store near an open flame, heat or other sources of ignition. Keep out of reach of children.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering Controls  
 Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.  
 Personal Protective Equipment:  
 Eyes/Face: Generally not required.  
 Skin: Generally not required.  
 Respiratory: Generally not required.  
 General Hygiene Considerations: Wash thoroughly after handling. Have eye-wash facilities immediately available.  
 The following ingredients have established exposure guidelines:  
 No ingredients listed.  
 Eye wash fountain and emergency showers are recommended.  
 No ingredients have established exposure guidelines by ACGIH, NIOSH and OSHA.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT (°F): N.D.	SPECIFIC GRAVITY: 1.015-1.02 (on dilution ≈ 1.0)
VAPOR PRESSURE: Not Est.	% VOLATILES BY WEIGHT: <10 (on dilution <1)
VAPOR DENSITY: Heavier than air	EVAPORATION RATES: Slower than ethyl ether
SOLUBILITY IN WATER: Complete	APPEARANCE: Clear, pink viscous liquid
pH: @ Use Dilution 2.0-3.0	ODOR: Pleasant

**Section 10: STABILITY AND REACTIVITY**

STABILITY: Stable.  
 CONDITIONS TO AVOID: Keep from freezing, excessive heat and strong oxidizing agents.  
 INCOMPATIBILITY: Strong oxidizing, reducing agents.  
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide.  
 HAZARDOUS POLYMERIZATION: Will not occur.

**Section 11: TOXICOLOGY INFORMATION**

ACUTE EFFECTS  
 Oral LD50: Not determined  
 Dermal LD50: Not determined  
 Inhalation: Not a hazardous way of exposure  
 Eye Irritation: Not determined  
 Skin irritation: Not determined  
 Sensitization: Not determined  
 CHRONIC EFFECTS  
 Carcinogenicity: No data available  
 Mutagenicity: No data available  
 Reproductive Effect: No data  
 Developmental Effects: No data.

**Section 12: ECOLOGICAL INFORMATION**

Ecotoxicity: No data available  
 Persistence/ Degradability: Biodegradable  
 Bioaccumulation/ Accumulation: No data  
 Mobility in Environment: No data

**Section 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Follow local, state and federal guidelines.

**Section 14: TRANSPORTATION INFORMATION**

US DOT (ground)  
 Proper Shipping Description:  
 COMPOUNDS CLEANING LIQUIDS  
 Canadian TDG (ground): See US DOT  
 ICAO (air) See US DOT  
 IMDG (water) See US DOT

**Section 15: REGULATORY INFORMATION**

TSCA Status  
 All ingredients are listed on the TSCA Chemical Inventory or exempt from listing.  
 SARA 313 Information: To the best of our knowledge, this product contains no chemical substances subject to SARA Title III Section 313 supplier notification requirements.  
 WHMIS: Class D-2B, Toxic Material other Toxic Effects.

**Section 16: OTHER INFORMATION**

HAZARD Ratings	NFPA 704	HMIS
HEALTH:	1	1
FLAMMABILITY:	1	1
Physical Hazard	0	0

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for his own particular use.