**Section 1: Product Identification**

**Product Name:** Breakdown Wax Stripper  
**Product No.:** 421  
**Recommended Use:** Resilient floor wax removal  
**Manufacturer:** Crown Chemical, Inc.  
**Address:** 4701 W. 136th Street, Crestwood, IL 60445  
**Website:** www.crown-chem.com  
**Daytime Telephone:** (708) 371-6990  
**Emergency Telephone:** (800) 535-5053

**Section 2: Hazard Identification**

**Hazard Class:** Corrosive Mixture  
**Signal Word:** Danger

**Section 3: Composition/Information on Ingredients**

**Product Type:** Mixture  
**Hazardous Ingredient Name (common name(s)):**  
- Potassium Hydroxide  
- Ethanolamine  
- Ethylene Glycol Butyl Ether

**CAS Number:**  
- 1310-58-3  
- 141-43-5  
- 111-76-2  
**Concentration Range (%):** 1-5

**Section 4: First-Aid Measures**

- **If swallowed:** Rinse out mouth. Do NOT induce vomiting. Immediately call a Poison Control Center or doctor for treatment advice.
- **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Control Center or doctor for treatment advice.
- **If on skin:** Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a Poison Control Center or doctor for treatment advice.

**Section 5: Fire-Fighting Measures**

**Suitable Extinguishing Media:** Use water spray, fog or foam.

**Specific Hazards:** None known

**Decomposition Byproducts:** Carbon dioxide, carbon monoxide and/or metal oxides.

**Special Protective Equipment:** Self-contained breathing apparatus.

**Specific Precautions:** Remove all persons from the vicinity. No responsive action should be taken without proper training.

**Section 6: Accidental Release Measures**

**Personal Precautions:** Initiate spill containment procedures immediately using containment or absorption methods. Keep people away from area. Put on appropriate protective equipment (see Section 8).

**Spill Cleanup:** Do not allow spilled material to enter sewers, waterways or soil. Neutralize with water. Mop, sweep or otherwise collect spilled material and hold for disposal. Consult local government authorities for allowable disposal methods. After removal, rinse area completely with water to remove residue.

**Section 7: Handling and Storage**

**Handling Precautions:** Avoid contact with eyes, skin or clothing. Avoid inhalation of dust or mists. Use in a well-ventilated area. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

**Storage Precautions:** Store in a locked location inaccessible to small children. Keep container closed when not in use. Store in a well-ventilated area between 60-100°F (15-38°C).

**Section 8: Exposure Controls/Personal Protection**

**Hazardous Ingredient Name (common name):**  
- Potassium Hydroxide  
- Ethanolamine  
- Ethylene Glycol Butyl Ether

**OSHA PELs:**  
- Potassium Hydroxide: 2 mg/m³ (ceiling)  
- Ethanolamine: 6 mg/m³ (8 hour TWA)  
- Ethylene Glycol Butyl Ether: 240 mg/m³ (TWA)

**ACGIH TLV:**  
- Potassium Hydroxide: 2 mg/m³ (ceiling)  
- Ethanolamine: 3 ppm (8 hour TWA)  
- Ethylene Glycol Butyl Ether: 20 ppm (TWA)

**Engineering Controls:** Use with adequate ventilation to maintain exposure limits below listed thresholds.

**Personal Protective Equipment:** The following protective equipment is recommended during usage:

**Eye protection:** Wear chemical splash goggles or face shield when using this product.

**Skin protection:** Wear protective rubber gloves, a long sleeve shirt and, if necessary, a rubber apron to prevent contact.

**Respiratory protection:** Wear a NIOSH respirator approved for combatting specific hazards.

**Hygienic Measures:** Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid contact with clothing or shoes. Wash contaminated items before reuse. Avoid wearing contact lenses when using this product.

**Section 9: Physical and Chemical Properties**

**Physical State:** Yellow-green Liquid  
**Odor:** Characteristic  
**pH (1% solution):** >11.5  
**Melt Point:** NA  
**Freeze Point:** >-45°F  
**Boiling Point:** NA  
**Flash Point:** Non-Combustible  
**Evaporation Rate:** (H₂O = 1.0): <1.0  
**Flammability:** NA  
**Explosion Limits:** NA  
**Vapor Pressure:** NA  
**Vapor Density (Air =1.0):** >1.0  
**Relative Density:** >1.0

**Hazard Class:** Corrosive Mixture

**Signal Word:** Danger

**Acute Toxicity – Oral – Category 4**

**Stability:** Product is stable under normal storage and usage conditions.

**Reactivity:** Product may react when diluted with water to produce heat up to boiling temperature. Product is highly reactive with acids. Reactions may produce hazardous conditions, including violent splattering of corrosive materials. Never mix this product with other chemicals. Mix this product only with water.

**Incompatibilities:** Acid, metals.

**Hazardous Decomposition Byproducts:** None are expected under normal storage and usage conditions.

**Section 10: Stability and Reactivity**

**Stability:** Product is stable under normal storage and usage conditions.

**Reactivity:** Product may react when diluted with water to produce heat up to boiling temperature. Product is highly reactive with acids. Reactions may produce hazardous conditions, including violent splattering of corrosive materials. Never mix this product with other chemicals. Mix this product only with water.

**Incompatibilities:** Acid, metals.

**Hazardous Decomposition Byproducts:** None are expected under normal storage and usage conditions.

**Section 11: Toxicological Information**

**Likely Routes of Exposure:** Eyes, Skin, Ingestion, Inhalation

**Symptoms:** Eye contact: Irritation, pain, redness, watering. Skin contact: Irritation, pain, redness, blistering. Inhalation: Coughing, choking, respiratory tract irritation, breathing difficulty. Ingestion: Pain in mouth, throat, stomach.

**Acute Effects of Exposure:** Serious burns to eyes, skin, mouth, throat, stomach and respiratory tract.

**Chronic Effects of Exposure:** No known significant effects or critical hazards. Carcinogenicity: NA

**Section 12: Ecological Information**

**Ecotoxicity:** No specific data available for this mixture. Potassium Hydroxide and Ethanolamine are known to be toxic to aquatic life.

**Persistence and Degradability:** No data

**Bioaccumulative Potential:** No data

**Mobility in Soil:** No data

**Other Adverse Effects:** No known significant effects or critical hazards.

**Section 13: Disposal Considerations**

Avoid disposal of this product. Use complete contents according to directions. Do not release contents into a municipal sewer except offering for recycling if available, or into a landfill. Follow all applicable state and local regulations.

**Section 14: Transport Information**

**DOT Proper Shipping Name:** NA 1760, Compounds, Cleaning Liquid, 8, PG II (Contains Potassium Hydroxide)

**Regulation:** None

**Listing:** None

**Date of Last Revision:** May 1, 2015

The information herein is believed to be correct, but is given without warranty or guaranty of any kind, express or implied. The hazards provided in this Safety Data Sheet apply to the product in its concentrated form, and may differ significantly after dilution.