

STAPLES CONTRACT & COMMERCIAL, INC.  
500 Staples Drive  
Framingham, MA 01702 USA  
Business Phone: 1-888-322-0912  
24-HR MEDICAL AND EMERGENCIES: 1-888-322-0912

MSDS #: BPR3720  
Hazard Rating  
Health 2 2  
Flammability 0 0  
Physical Hazards 0 -  
Reactivity - 0  
Special None None

# MATERIAL SAFETY DATA SHEET

Complies with ANSI Z400.1 Format

## SECTION 1: PRODUCT IDENTIFICATION

**Product: FLOOR STRIPPER**

This MSDS applies to Manufacturer Item Numbers: BPR372005-A  
MSDS CODE: BPR3720.0812 Prepared by: Regulatory Specialist, Staples Brand Group, (508) 253-5000

GENERIC DESCRIPTION	DATE ISSUED	SUPERSEDES
Concentrated Wax & Finish Remover	08-13-2012	None

## SECTION 2: HAZARDS IDENTIFICATION

**Emergency overview:** Corrosive. May cause burns to skin and eyes.

**Potential short term health effects:**

**Routes of exposure:** Eyes, skin contact, skin absorption, inhalation, and ingestion.

**Eyes:** Corrosive. May cause permanent eye damage, including blindness.

**Skin:** Corrosive. May cause burns. May be harmful if absorbed through skin.

**Inhalation:** May cause irritation of throat and respiratory tract.

**Ingestion:** Corrosive. Causes burns to mouth, throat and stomach.

**Target organs:** Eyes, respiratory system, skin, and gastrointestinal tract.

**Chronic effects:** Prolonged or repeated exposure to dilutions can cause drying, defatting and dermatitis. Based on published data, repeated and prolonged contact with 2-Aminoethan-1-ol may cause liver and kidney damage; these effects have not been observed in humans.

**Signs and symptoms:** Symptoms may include redness, edema, drying defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	% by Wt.	LC <sub>50</sub>	LD <sub>50</sub> (oral)
2-Aminoethan-1-ol (Ethanolamine)	141-43-5	5-10	1210 mg/m <sup>3</sup> , mouse	1720 mg/kg, rat
Phenylmethanol	100-51-6	5-10	>500 mg/m <sup>3</sup> , mouse	1580 mg/kg, rat
Hexoxydiglycol	112-59-4	1-5	Not available	4600 mg/kg, rat
Non-ionic ethoxylate blend	Trade secret	1-5	Not available	Not available

Balance is water and similar non-hazardous ingredients. No fragrance added.

## SECTION 4: FIRST AID MEASURES

**Emergency First Aid Procedures**

**Eyes:** Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. If irritation occurs and persists, seek medical advice.

**Skin:** Flush immediately with plenty of water for at least 15 minutes. If irritation occurs and persists, seek prompt medical advice.

**Inhalation:** If symptoms develop, move victim to fresh air and seek medical advice.

**Ingestion:** Rinse mouth with plenty of water and seek medical attention. Do not induce vomiting and do not give anything by mouth to an unconscious or convulsing person.

## SECTION 5: FIRE FIGHTING MEASURES

**Flammable properties:** Not flammable by WHMIS/OSHA criteria.

**Flash Point:** None

**Extinguishing Media:** Use standard fire fighting measures to extinguish fires involving this material (water spray, dry chemicals or foam).  
**Special Fire Fighting Procedures:** Firefighters should wear full protective clothing including self contained breathing apparatus.  
**Unusual Fire and Explosion Hazards:** May include but are not limited to: oxides of carbon and oxides of nitrogen.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Containment and Clean up:** Floor may become slippery. Wear appropriate protective clothing. Stop leak if you can do so without risk. Small spills may be absorbed with non-reactive absorbent. Rinse area with water. Recover liquid with wet mop or vacuum. Keep spill out of sewers and waterways. Follow good industrial hygiene practices. Wash thoroughly after handling.

### SECTION 7: HANDLING AND STORAGE

Avoid contact with eyes and skin. Use only with adequate ventilation. Wash thoroughly after handling. Follow good industrial hygiene practices. Do not eat or drink while handling. Store in original containers away from incompatible materials. Keep out of reach of children.

### SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure Limits:**

Ingredient	ACGIH-TLV	OSHA-PEL
Phenylmethanol #100-51-6	Not available	Not available
2-Aminoethan-1-ol #141-43-5	TWA: 3 ppm; STEL: 6 ppm	TWA: 3 ppm
Hexoxydiglycol #112-59-4	Not available	Not available
Non-ionic ethoxylate blend	Not available	Not available

**Engineering Controls:** General ventilation normally adequate.  
**Respiratory Protection:** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.  
**Protective Gloves:** Use chemical resistant gloves including neoprene, rubber or vinyl.  
**Eye Protection:** Use splash proof, chemical- resistant goggles.  
**Other Protective Measures:** Use good personal hygiene practices. Wash hands after handling.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance/Odor:</b> Colorless liquid/Mild soap odor	<b>Specific Gravity:</b> 0.98
<b>Odor threshold:</b> Not available	<b>Vapor Pressure:</b> Not available
<b>pH (Conc.):</b> 10.8-12.0 <b>pH (Diluted 1:5):</b> 10.5-11.5	<b>Vapor Density:</b> Not available
<b>Boiling Point:</b> >212°F	<b>Freezing Point:</b> Not available
<b>Solubility in Water:</b> Soluble	<b>Evaporation Rate:</b> Not available
<b>V.O.C. Content (by weight):</b> <3% (<30 g/L)	<b>Coefficient of water/oil distribution:</b> Not available

### SECTION 10: STABILITY AND REACTIVITY

**Chemical Stability:** Stable                      **Conditions to Avoid:** Avoid high temperatures. Do not mix with other chemicals.  
**Incompatibility:** Acids and oxidizers      **Hazardous Polymerization:** Will not occur.  
**Hazardous Decomposition Products:** May include and are not limited to: oxides of carbon and oxides of nitrogen.

### SECTION 11: TOXICOLOGICAL INFORMATION

**Effects of acute exposure:**

**Eyes:** Corrosive. May cause permanent eye damage, including blindness.  
**Skin:** Corrosive. May cause burns. May be harmful if absorbed through skin.  
**Inhalation:** May cause irritation of throat and respiratory tract.  
**Ingestion:** Corrosive. Causes burns to mouth, throat and stomach.

**Chronic effects:** Prolonged or repeated exposure to dilutions can cause drying, defatting and dermatitis. Based on published data, repeated and prolonged contact with 2-Aminoethan-1-ol may cause liver and kidney damage; these effects have not been observed in humans.

**Sensitization:** Non-hazardous by WHMIS/OSHA criteria.  
**Mutagenicity:** Non-hazardous by WHMIS/OSHA criteria.  
**Carcinogenicity:** Non-hazardous by WHMIS/OSHA criteria.  
**Reproductive effects:** Non-hazardous by WHMIS/OSHA criteria.  
**Teratogenicity:** Non-hazardous by WHMIS/OSHA criteria.  
**Name of Toxicologically Synergistic Products:** Not available.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity – Acute Toxicity Data:

#### Freshwater Algae

2-Aminoethan-1-ol #141-43-5 72 Hr EC<sub>50</sub> Desmodemus subspicatus: 15 mg/L

#### Freshwater Fish

Hexoxydiglycol #112-59-4 96 Hr LC<sub>50</sub> Pimephales promelas: 200-230 mg/L [static]  
Phenylmethanol #100-51-6 96 Hr LC<sub>50</sub> range from 10 to over 100 mg/L  
96 Hr LC<sub>50</sub> Fathead Minnow: 46.4 mg/L [static]  
2-Aminoethan-1-ol #141-43-5 96 Hr LC<sub>50</sub> Pimephales promelas: 227 mg/L [flow-through];  
96 Hr LC<sub>50</sub> Brachydanio rerio: 3684 mg/L [static];  
96 Hr LC<sub>50</sub> Lepomis macrochirus: 300-1000 mg/L [static];  
96 Hr LC<sub>50</sub> Oncorhynchus mykiss: 114-196 mg/L [static];  
96 Hr LC<sub>50</sub> Oncorhynchus mykiss: >200 mg/L [flow-through]

#### Water Flea

Hexoxydiglycol #112-59-4 48 Hr LC<sub>50</sub> Daphnia magna: 433 mg/L [static]  
Phenylmethanol #100-51-6 48 Hr EC<sub>50</sub> Daphnia magna: 400 mg/L  
2-Aminoethan-1-ol #141-43-5 48 Hr EC<sub>50</sub> Daphnia magna: 65 mg/L

**Persistence/degradability:** Not available  
**Bioaccumulation/accumulation:** Not available  
**Mobility in environmental media:** Not available  
**Environmental effects:** Not available  
**Aquatic toxicity:** Not available  
**Partition coefficient:** Not available  
**Chemical fate information:** Not available  
**Other adverse effects:** Not available

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Information:** Dispose of in compliance with all applicable regulations.

## SECTION 14: TRANSPORT INFORMATION

**24-HR EMERGENCY PHONE:** 1-888-322-0912

### U.S. DOT:

**Hazard Class:** 8                      **Packing Group:** III                      **Label:** Corrosive  
**Proper Shipping Name:** Corrosive liquid, basic, organic, n.o.s. (contains Ethanolamine), UN3267  
**Special provisions:** IB3, T7, TP1, TP28  
**ERG number:** 153

### CANADA TDG:

**Hazard Class:** 8                      **Packing Group:** III                      **Label:** Corrosive  
**Proper Shipping Name:** Corrosive liquid, basic, organic, n.o.s. (contains Ethanolamine), UN3267  
**Special provisions:** 16

## SECTION 15: REGULATORY INFORMATION

**CANADIAN FEDERAL REGULATIONS:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

### WHMIS Ingredient Disclosure List:

2-Aminoethan-1-ol #141-43-5 1%  
Phenylmethanol #100-51-6 1%  
Hexoxydiglycol #112-59-4 1%

**WHMIS Status:** Controlled

**WHMIS Classification:** Class E – Corrosive Material

**WHMIS Labeling:**



### US FEDERAL REGULATIONS

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**California Proposition 65:** This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Ingredient	CAS#	State Right-to-Know	SARA EHS Sect. 302 TPQ(lbs)	SARA EHS Sect. 304 RQ(lbs)	CERCLA RQ (lbs)
2-Aminoethan-1-ol	141-43-5	CA, IL, MA, NJ, PA, RI	Not applicable	N/A	N/A
Phenylmethanol	100-51-6	MA, PA	Not applicable	N/A	N/A
Hexoxydiglycol	112-59-4	PA	Not applicable	N/A	N/A

N/A = Not applicable

**SARA 311/312 Hazard Categories:**

Immediate/Acute: Yes

Delayed/Chronic: No

Fire: No

Pressure: No

Reactivity: No

**SARA Section 313 Toxic Chemicals:** None

**Subject to SARA Section 302 Extremely Hazardous Substance:** No

**Inventories**

**On Inventory (yes/no)\***

Canada's Domestic Substances List (DSL)

YES

Canada's Non-Domestic Substances List (NDSL)

NO

United States' Toxic Substances Control Act (TSCA)

YES

\*A "Yes" indicates that all components of this product comply with the inventory requirements.

**SECTION 16: OTHER INFORMATION**

Always follow label directions carefully when using this or any other chemical product. If information about this product is required, please contact Staples at 1-888-322-0912 or visit our website at [www.staples.com](http://www.staples.com). Keep MSD Sheets filed and organized in an area accessible to workers according to all applicable regulations.

*This MSDS was prepared for the sole purpose of compliance with the U.S. Occupational Safety and Hazard Administration's Hazard Communication Standard and Canada's Controlled Product Regulations and that is its only intended use. All information contained in this MSDS is provided to the best of Staples Contract & Commercial, Inc's knowledge. No warranty is made with respect to this information, expressed or implied, including warranties of merchantability or fitness for a particular purpose. Users are responsible for verifying the information under their own operating conditions to determine whether the products listed in the MSDS are suitable for their intended use. Users are responsible for compliance with all laws and regulations as may be required by their receipt of the information and use of the products provided with this MSDS.*