

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 #: BPR5670  
Hazard Rating  
Health 1 1  
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:** ONE STEP™

This MSDS applies to Manufacturer Item Numbers: BPR567001 and 18466

MSDS CODE: BPR5670.0812

Prepared by: Regulatory Specialist, Staples Brand Group, (508) 253-5000

GENERIC DESCRIPTION

DATE ISSUED

SUPERSEDES

Floor Cleaner/Restorer

08-01-2012

10-31-2011

## SECTION 2: HAZARDS IDENTIFICATION

**Emergency overview:** Eye and skin irritation.

**Potential short term health effects**

**Routes of exposure:** Eye, skin contact, inhalation, and ingestion

**Eyes:** May cause irritation.

**Skin:** May cause irritation.

**Inhalation:** May cause respiratory tract irritation.

**Ingestion:** May cause stomach distress, nausea or vomiting.

**Target organs:** Eyes, skin, and respiratory system

**Chronic effects:** Prolonged or repeated exposure can irritate.

**Signs and symptoms:** Symptoms may include redness, edema, drying defatting and cracking of the skin.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	% by Wt.	LC <sub>50</sub>	LD <sub>50</sub> (oral)
2-(2-Methoxypropoxy)propan-1-ol	34590-94-8	7-13	Not available	5400 mg/kg, rat
Acrylic Polymers	Trade secret	5-10	Non-hazardous	Non-hazardous
Ethoxylated propoxylated alcohols C10-12	68154-97-2	1-5	Not available	500-5000 mg/kg, rat
Tributoxyethyl phosphate	78-51-3	1-5	6.4 mg/l/4hr, rat	3000 mg/kg, rat

Balance is water and similar non-hazardous ingredients. Contains fragrance.

## 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:** Obtain medical attention. Do not induce vomiting and do not give anything by mouth to an unconscious or convulsing person.

## SECTION 5: FIRE FIGHTING MEASURES

**Flash Point:** None

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

**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:** Combustible products may include, but not limited to: oxides of carbon and oxides of phosphorus.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Containment and Clean up:** Floor may become slippery. 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
Tributoxyethyl phosphate #78-51-3	Not available	Not available
Alcohols, C10-12, ethoxylated propoxylated #68154-97-2	Not available	Not available
2-(2-Methoxypropoxy)propan-1-ol #34590-94-8	TWA: 100 ppm STEL: 150 ppm Skin: 100 ppm	TWA: 100 ppm

**Engineering Controls:** General ventilation normally adequate.

**Respiratory Protection:** No special requirements for normal use conditions.

**Protective Gloves:** No special requirements for normal use conditions. However, it is a good safe practice to wear chemical resistant gloves when using any chemical product.

**Eye Protection:** No special requirements for normal use conditions. However, it is good safe practice to wear eye protection when using any chemical product.

**Other Protective Measures:** Use good personal hygiene practices. Wash hands after handling.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance/Odor:</b> Opaque, white liquid/Fruity odor	<b>Specific Gravity:</b> 1.02
<b>Odor threshold:</b> Not available	<b>Vapor Pressure:</b> Not available
<b>pH (Conc.):</b> 9.0 <b>pH (Diluted 1:256):</b> 8.5	<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> <11% (<110 g/L)	<b>Coefficient of water/oil distribution:</b> Not available

**SECTION 10: STABILITY AND REACTIVITY**

**Chemical Stability:** Stable

**Conditions to Avoid:** Do not mix with other chemicals.

**Incompatibility:** Not known

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition Products:** May include, but not limited to, oxides of carbon.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Effects of acute exposure:**

**Eyes:** May cause irritation.

**Skin:** May cause irritation.

**ACGIH – THRESHOLD LIMIT VALUES – SKIN NOTATIONS**

2-(2-Methoxypropoxy)propan-1-ol #34590-94-8: Potential significant contribution to overall exposure by the cutaneous route.

May cause respiratory tract irritation.

**Inhalation:**

**Ingestion:**

May cause stomach distress, nausea or vomiting.

**Sensitization:**

Non-hazardous by WHMIS/OSHA criteria.

**Chronic effects:**

Prolonged or repeated contact with tributoxyethyl phosphate may cause ataxia, breathing abnormalities, peripheral nerve damage and heart inflammation.

**Carcinogenicity:**

Non-hazardous by WHMIS/OSHA criteria.

**Mutagenicity:**

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 Fish**

2-(2-Methoxypropoxy)propan-1-ol #34590-94-8 96 Hr LC<sub>50</sub> Pimephales promelas: >10000 mg/L [static]  
 Tributoxyethyl phosphate #78-51-3 96 Hr LC<sub>50</sub> Pimephales promelas: 10.4-12.0 mg/L [flow-through]

**Water Flea**

2-(2-Methoxypropoxy)propan-1-ol #34590-94-8 48 Hr LC<sub>50</sub> Daphnia magna: 1919 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  
**Shipping Name:** Compound, Cleaning Liquid  
**U.S. DOT:** Not regulated as dangerous goods.  
**CANADA TDG:** Not regulated as dangerous goods.

**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-(2-Methoxypropoxy)propan-1-ol #34590-94-8 1%

**WHMIS Status:** Controlled

**WHMIS Classification:** Class D – Divisions 2B

**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 does not contain 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-(2-Methoxypropoxy)propan-1-ol	34590-94-8	CA, MA, MN, NJ, PA, RI	N/A	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

**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.*