

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

MSDS #: SEB7100		
<u>Hazard Rating</u>	<u>HMIS</u>	<u>NFPA</u>
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: **71 TOILET AND URINAL CLEANER** by **Sustainable Earth By Staples®**
This MSDS applies to Manufacturer Item Numbers: **SEB710001-B** and **SEB710032-B** (citric acid formula)
MSDS CODE: SEB7100.0513 Prepared by: Regulatory Specialist, Staples Brand Group, (508) 253-5000

<u>GENERIC DESCRIPTION</u>	<u>DATE ISSUED</u>	<u>SUPERSEDES</u>
Concentrated Washroom Cleaner	05-14-2013	01-14-2013

SECTION 2: HAZARDS IDENTIFICATION

Emergency overview: Eye and skin irritant.

Potential short term health effects

Routes of exposure: Eyes, 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 and skin

Chronic effects: Prolonged or repeated exposure can cause drying or dermatitis of the skin; eye burns or conjunctivitis.

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 ₅₀	LD ₅₀ (oral)
Citric acid	77-92-9	3-7	Not available	11,700 mg/kg, rat
C9-11 Alcohols Ethoxylated 4-6EO	68439-46-3	1-5	Not available	1,410 mg/kg, rat
Isopropanol	67-63-0	1-5	16,000 ppm, rat, 8 hr	5,045 mg/kg, rat
Sodium hydroxide	1310-73-2	0.1-1	Not available	140-340 mg/kg, rat
Xanthan gum	11138-66-2	0.1-1	Not available	>5,000 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: 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:** Combustion products may include and are not limited to: Oxides of carbon.

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. Avoid high temperatures. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits:

Ingredient

Citric acid #77-92-9

C9-11 Alcohols Ethoxylated 4-6EO #68439-46-3

Isopropanol #67-63-0

Sodium hydroxide #1310-73-2

Xanthan gum #11138-66-2

ACGIH-TLV

Not available

Not available

200 ppm

2 mg/m³

Not available

OSHA-PEL

Not available

Not available

400 ppm

2 mg/m³

Not available

Engineering Controls:

General ventilation normally adequate.

Respiratory Protection:

Where exposure guideline levels may exceeded, use an approved NISH respirator.

Eye Protection:

Wear safety goggles.

Protective Gloves:

Wear chemical resistant gloves.

Other Protective Measures:

Use good personal hygiene practices. Wash hands after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor: Aqua liquid/Citrus odor	Specific Gravity: 1.040
Odor threshold: Not available	Vapor Pressure: Not available
pH (as is): 2.0-3.0	Vapor Density: Not available
Boiling Point: >212 °F (>100 °C)	Freezing Point: Not available
Solubility in Water: Soluble	Evaporation Rate: Not available
V.O.C. Content (by weight): <1% (10 g/L)	Coefficient of water/oil distribution: Not available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Do not mix with other chemicals.

Incompatibility: Acids, oxidizers and caustics.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: May include oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

Effects of acute exposure

Eyes: May cause irritation.

Skin: May cause irritation.

Inhalation: May cause respiratory tract irritation.

Ingestion: May cause stomach distress, nausea or vomiting.

Chronic effects: Prolonged or repeated exposure can cause drying or dermatitis of the skin; eye burns or conjunctivitis.

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 Fish

Citric acid #77-92-9

Ethoxylated surfactants

Sodium hydroxide #1310-73-2

Xanthan gum #11138-66-2

96 hr LC₅₀ Goldfish: 440-706 mg/L

96 hr LC₅₀ Rainbow trout: 70.7 mg/L

24 hr LC₅₀ Goldfish: 160,000 ug/L

96 hr LC₅₀ Rainbow trout: 490 mg/L

Water Flea

Xanthan gum #11138-66-2

48 hr EC₅₀ Daphnia magna: 980 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:

Citric Acid #77-92-9 1%;
Isopropanol #67-63-0 1%;
Sodium hydroxide #1310-73-1 1%

WHMIS Status: Controlled

WHMIS Classification: Class D – Division 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 any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Ingredient	CAS#	State Right-to-Know	SARA EHS Sec. 302 TPQ(lbs)	SARA EHS Sec. 304 RQ(lbs)	CERCLA RQ (lbs)
Isopropanol	67-63-0	CA, MN, NJ, PA, RI	N/A	N/A	N/A
Sodium hydroxide	1310-73-2	CA, MA, MN, NJ, NY, PA, RI	N/A	N/A	1,000

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: Isopropanol #67-63-0

SARA Section 302 Extremely Hazardous Substance: None

Inventories

Canada's Domestic Substances List (DSL)

Canada's Non-Domestic Substances List (NDSL)

United States' Toxic Substances Control Act (TSCA)

On Inventory (yes/no)*

Yes

No

Yes

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

SECTION 16: OTHER INFORMATION

This product has been formulated in partnership with U.S. EPA Design for the Environment (DfE) Formulator Initiative and is recognized for safer chemistry. This product contains ingredients with more positive health and environmental characteristics than conventional cleaners. Visit www.epa.gov/dfe for more information.

This product is NSF Nonfood Compounds listed and meets applicable food safety regulatory guidelines for use in facilities used for food processing and handling. This product must be completely washed off and rinsed from surface before equipment is used in food processing. (NSF Registration No. 140659, Category Code C2)

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. 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.