



SAFETY DATA SHEET

Date Issued: 04-27-2015

Supersedes: 05-14-2013

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name 71 Toilet and Urinal Cleaner (Ready-to-Use)
Product Number SEB710001-A, SEB710032-A, SEB710001-B, SEB710032-B, SEB710001-C, & SEB710032-C
Brand Sustainable Earth by Staples®

Recommended Use Toilet and urinal cleaner
Uses advised against Uses other than those identified on the product label are not recommended.

Supplier Name Staples Contract & Commercial, Inc.
Supplier Address 500 Staples Drive
Framingham MA 01702 USA
Supplier Phone Number 1-888-322-0912
SDS Internet Address: <http://sds.staples.com>

Emergency telephone number 1-888-322-0912

2. HAZARDS IDENTIFICATION

Classification for the Undiluted Product

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

Precautionary Statements – Prevention: Not required
Precautionary Statements – Response: None
Precautionary Statements – Storage: None
Precautionary Statements – Disposal: None

Hazards not otherwise classified (HNOC): Not applicable

Other information: May cause slight eye irritation
Interactions with Other Chemicals: No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Citric acid	77-92-9	3 - 7
C9-11 Alcohols Ethoxylated 4-6EO	68439-46-3	1 - 5
Isopropyl alcohol	67-63-0	1 - 5

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

4. FIRST AID MEASURES

First aid measures:

Eye Contact Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin Contact Wash with soap and water.

Inhalation Remove to fresh air.

Ingestion Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

Most Important Symptoms and Effects: No information available

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media: CAUTION: Use of water spray when fighting fire may be inefficient.
Specific Hazards Arising from the Chemical: No information available.
Hazardous Combustion Products: Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact: No.

Sensitivity to Static Discharge: No.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with eyes.
Environmental Precautions: Refer to protective measures listed in Sections 7 and 8.
Methods for Containment: Prevent further leakage or spillage if safe to do so.
Methods for cleaning up: Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes.
Storage: Keep container tightly closed.
Incompatible Products: None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³	IDLH: 2000 ppm 10% LEL TWA: 980 mg/m ³ TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m ³

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Engineering Measures: General ventilation normally adequate.

Individual protection measures, such as personal protective equipment

Eye/Face Protection: No special protective equipment required.

Skin and Body Protection: No special protective equipment required.

Respiratory Protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Appearance	Liquid	Odor	Citrus
Color	Aqua	Odor Threshold	No information available

Property

Values

pH (as is)	2.0 – 3.0
Melting / freezing point	No data available
Boiling point /boiling range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability	No data available
Lower flammability limit	No data available
Vapor density	No data available
Specific Gravity	No data available
Water Solubility	Soluble in water
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available
Explosive properties	No data available
Softening Point	No data available
VOC Content (by weight)	1.5% (15 g/L)
Particle Size	No data available
Particle Size Distribution	No data available

This product is compliant with California Air Resources Board (CARB) regulations on Volatile Organic Compounds (VOC).

10. STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Hazardous Polymerization:	Hazardous polymerization does not occur.
Conditions to avoid:	None known based on information supplied.
Incompatible materials:	None known based on information supplied.
Hazardous Decomposition Products:	Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye Contact	Specific test data for the substance or mixture is not available.
Skin Contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Component Information

Chemical Name / CAS	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl alcohol 67-63-0	= 4396 mg/kg (Rat)	= 12800 mg/kg (Rabbit)	= 16000 ppm (Rat) 8 h

Information on toxicological effects

Symptoms	No information available.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure**Sensitization** No information available.**Mutagenic Effects** No information available.**Carcinogenicity**

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl alcohol 67-63-0		Group 3		X

*IARC (International Agency for Research on Cancer): Group 3 - Not Classifiable as to Carcinogenicity in Humans**OSHA (Occupational Safety and Health Administration of the US Department of Labor): X - Present***Reproductive Toxicity** No information available.**STOT - single exposure** No information available.**STOT - repeated exposure** No information available.**Chronic Toxicity** No known effect based on information supplied.**Target Organ Effects** Eyes. Respiratory system. Skin. Blood. Kidney. Liver. Spleen. Systemic Toxicity.**Aspiration Hazard** No information available.**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral): 23,053.00 mg/kg**ATEmix (inhalation-vapor):** 3,744.83 ATEmix**12. ECOLOGICAL INFORMATION****Ecotoxicity:** The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Citric acid 77-92-9		96h LC50: = 1516 mg/L (Lepomis macrochirus)		72h EC50: = 120 mg/L
Isopropyl alcohol 67-63-0	96h EC50: > 1000 mg/L (Desmodesmus subspicatus) 72h EC50: > 1000 mg/L (Desmodesmus subspicatus)	96h LC50: > 1400000 µg/L (Lepomis macrochirus) 96h LC50: = 11130 mg/L (Pimephales promelas) 96h LC50: = 9640 mg/L (Pimephales promelas)		48h EC50: = 13299 mg/L

Persistence and Degradability: No information available.**Bioaccumulation:**

Chemical Name / CAS	Log Pow
Citric Acid 77-92-9	-1.72
Isopropyl alcohol 67-63-0	0.05

Other adverse effects: No information available.**13. DISPOSAL CONSIDERATIONS**

Disposal methods: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging Dispose of contents/containers in accordance with local regulations.**California Hazardous Waste Codes** 561

This product contains one or more substances that are listed with the State of California as hazardous waste.

Chemical Name	California Hazardous Waste
Isopropyl alcohol 67-63-0	Toxic / Ignitable

14. TRANSPORT INFORMATION

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

DOT/ TDG/ MEX/ ICAO/ IATA/ IMDG/IMO: Not Regulated

15. REGULATORY INFORMATION

International Inventories

TSCA (US) Complies
 DSL(Canada) All components are listed either on the DSL or NDSL.

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No.	Weight %	SARA 313 – Threshold Values %
Isopropyl alcohol	67-63-0	1-5	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, contains one or more substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical Name / CAS	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Citric Acid 77-92-9			Re Section number 180.950

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name / CAS	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Isopropyl alcohol 67-63-0 (1-5)	X	X	X	X	
Sodium hydroxide 1310-73-2	X	X	X	X	

International Regulations

Canada

16. OTHER INFORMATION

NFPA	Health Hazards 1	Flammability 0	Instability 0	Physical & chemical Hazards – Personal protection X
HMIS	Health Hazards 1	Flammability 0	Physical Hazard 0	

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

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.staplesadvantage.com. Keep Safety Data Sheets filed and organized in an area accessible to workers according to all applicable regulations.

All information contained in this SDS 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 SDS 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 SDS.