

SAFETY DATA SHEET

Date Issued: 01-27-2016
Supersedes: 04-27-2013

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

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 Limpiador para Excusados y Orinales
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 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).

Signal Word: None required
Hazard Statements: None required
Precautionary Statements: None required

Hazards not otherwise classified (HNOC): Not applicable

Other information: May be irritating to skin and eyes. Harmful to aquatic life.
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

General Advice Show this safety data sheet to the doctor in attendance.

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: Prevent from entering soil, ditches, sewers, waterways and/or ground water.
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.

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 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

NIOSH IDLH - National Institute for Occupational Safety and Health - 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 equipment required, but it is always good practice to use safety goggles when handling chemicals.
Skin and Body Protection No special equipment required, but it is always good practice to wear protective gloves when handling chemicals.
Respiratory Protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation, respirator or evacuation may be required.
Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Physical state Liquid
Color Aqua
Odor Citrus
Odor Threshold No information available

Chemical Properties	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	1.020
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)	1.51% (15.1 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 this product is not available.
Eye Contact	Specific test data for this product is not available.
Skin Contact	Specific test data for this product is not available.
Ingestion	Specific test data for this product 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) 8h

Information on toxicological effects

Symptoms No information available.

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
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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.
Target Organ Effects	Eyes. Respiratory system. Skin. Blood. Kidney. Liver. Spleen. Systemic
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

Toxicity.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 / CAS#	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 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 contains one or more 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 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	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 –
 HMIS Health Hazards 1 Flammability 0 Physical Hazard 0 Personal protection X

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.