SAFETY DATA SHEET

Date Issued: 05-27-2016
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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name	**Whiteboard Cleaner**
Product Number	SEB500008-B and SEB500008-C
Brand	Sustainable Earth by Staples™
Recommended Use	Whiteboard 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 Product

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

Flammable liquids	Category 3

GHS Label elements, including precautionary statements
Emergency Overview:

Signal Word:	**Warning**
Hazard Statements:	Flammable liquid and vapor.
Precautionary Statements – Prevention:	Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN (or hair):	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Hazards not otherwise classified (HNOC): Not applicable
Other information: Harmful to aquatic life. Prolonged or repeated contact may dry skin and cause irritation. May cause slight eye irritation.
Interactions with Other Chemicals: No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Ethanol	64-17-5	1 - 5
Dipropylene glycol butyl ether	2991-28-2	1 - 5

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

4. FIRST AID MEASURES

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

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Do not rub affected area.

Skin Contact: Wash off immediately with soap and plenty of water while removing all contaminated clothing and shoes. Get medical attention if irritation develops and persists.

Inhalation: Remove to fresh air.

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

Self-protection of the first aider: Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

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. Dry chemical, carbon dioxide (CO_2), water spray, alcohol resistant foam.

Unsuitable extinguishing media: CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical: Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Uniform Fire Code: Combustible liquid: II

Hazardous Combustion Products: Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: Yes

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 Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

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. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect run off water. Keep out of drains, sewers, ditches and waterways.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Handling Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethanol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m^3 (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m^3	IDLH: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 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; NIOSH IDLH – National Institute for Occupational Safety and Health - Immediately Dangerous to Life or Health

Engineering Measures General ventilation generally adequate.

Individual protection measures, such as personal protective equipment

Eye/Face Protection If splashes are likely to occur, wear safety glasses.

Skin and Body Protection For extensive or prolonged exposure, wear protective gloves and protective clothing. None required for normal use conditions.

Respiratory Protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Appearance	Liquid	**Odor**	Mild Solvent
Color	Colorless	**Odor Threshold**	No information available

Property	Values
pH (as is)	6.5 – 7.5
Melting / freezing point	No data available
Boiling point /boiling range	No data available
Flash Point	56 ^{o}C / 132 ^{o}F
Evaporation Rate	No data available
Flammability	No data available
Lower flammability limit	No data available
Vapor density	No data available
Specific Gravity	0.993
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 (%)	<4.7% (<47 g/L)*
Particle Size	No data available
Particle Size Distribution	No data available

*Calculated according to, and compatible with, California Air Resources Board (CARB) definition of 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:	Heat, flames and sparks.
Incompatible materials:	None known.
Hazardous Decomposition Products:	None known.

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 / SKU	Oral LD50	Dermal LD50	Inhalation LC50
Ethanol / 64-17-5	-	-	= 124.7 mg/L (Rat) 4h
Dipropylene glycol butyl ether / 29911-28-2	= 1620 µL/kg (Rat)	= 5860 µL/kg (Rabbit)	=42.1 ppm (Rat) 4h

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
Ethanol 64-17-5	A3	Group 1	Known	X

ACGIH (American Conference of Governmental Industrial Hygienists): *A2 - Suspected Human Carcinogen A3 - Animal Carcinogen*
IARC (International Agency for Research on Cancer): *Group 1 - Carcinogenic to Humans*
NTP (National Toxicology Program) *Known - Known Carcinogen*
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 for product. Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

Target Organ Effects None known.

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): 58,968.00 mg/kg
ATEmix (inhalation-mist): 2,830.90 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity
Harmful to aquatic life.

Chemical Name / CAS#	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Ethanol 64-17-5		96h LC50: > 100 mg/L (Pimephales promelas) 96h LC50: 13400 - 15100 mg/L (Pimephales promelas) 96h LC50: 12.0 - 16.0 mL/L (Oncorhynchus mykiss)	EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	48h LC50: 9268 - 14221 mg/L 48h EC50: = 2 mg/L 24h EC50: = 10800 mg/L
Dipropylene glycol butyl ether / 29911-28-2		96h LC50: = 841 mg/L (Poecilia reticulata)		

Persistence and Degradability: No information available.

Bioaccumulation:

Chemical Name / SKU	Log Pow
Ethanol / 64-17-5	-0.32

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.

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

Chemical Name	California Hazardous Waste
Ethanol 64-17-5	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

SARA 311/312 Hazard Categories

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

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

CERCLA
This product does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA)(40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals. Ethyl alcohol is only a considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

Chemical Name / CAS#	California Proposition 65
Ethanol 64-17-5	Carcinogen Developmental

U.S. State Right-to-Know Regulations

Chemical Name / CAS#	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Ethanol / 64-17-5		X			
Isopropyl alcohol / 67-63-0	X	X	X	X	

International Regulations
Canada

16. OTHER INFORMATION

NFPA	**Health Hazards 1**	**Flammability 2**	**Instability 0**	**Physical & chemical Hazards –**
HMIS	**Health Hazards1**	**Flammability 2**	**Physical Hazard 0**	**Personal protection X**

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This product is safer choice recognized. EPA/Safer Choice recognition does not constitute endorsement of this product. The Safer Choice logo signifies that the product's formula, as Staples has represented it to the EPA, contains ingredients with more positive human health and environmental characteristics than conventional products of the same type. EPA/Safer Choice relies solely on Staples, its integrity and good faith, for information on the product's composition, ingredients and attributes. EPA/Safer Choice has not independently identified, that is, via chemical analysis, the ingredients in the product formula, nor evaluated any of Staples' non-ingredient claims. EPA/Safer Choice provides its evaluation only as to the product's human health and environmental characteristics, as specified in the Standard and based on currently available information and scientific understanding.

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.