

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 #: SEB8200		
Hazard Rating	HMIS	NFPA
Health	2	2
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: 82 WAX & FINISH REMOVER by Sustainable Earth By Staples^{TM/MC}

This MSDS applies to Manufacturer Item Numbers: SEB820001-A and SEB820005-A

MSDS CODE: SEB8200.0513

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

GENERIC DESCRIPTION

Concentrated Wax & Finish Remover

DATE ISSUED

05-27-2013

SUPERSEDES

04-29-2013

SECTION 2: HAZARDS IDENTIFICATION

Emergency overview: Corrosive. May cause burns to skin and eyes.

Potential short term health effects:

Routes of exposure: Eyes, skin contact, skin absorption, inhalation, and ingestion

Eyes: May cause permanent eye damage, including blindness.

Skin: May cause severe skin irritation.

Inhalation: May cause irritation of throat and respiratory tract.

Ingestion: Causes burns to mouth, throat and stomach.

Target organs: Eyes, skin and respiratory system.

Chronic effects: Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Signs and symptoms: Symptoms may include redness, edema, drying defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	% by Wt.	LC ₅₀	LD ₅₀ (oral)
2-Aminoethan-1-ol (Ethanolamine)	141-43-5	5-10	1210 mg/m ³ , mouse	1720 mg/kg, rat
Non-ionic ethoxylate blend	Trade secret	3-7	Not available	Not available
Phenylmethanol	100-51-6	3-7	>500 mg/m ³ , mouse	1580 mg/kg, mouse
Hexoxydiglycol	112-59-4	1-5	Not available	4600 mg/kg, rat

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

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. Drink large amounts of water or milk and obtain immediate 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: May include but are not limited to: oxides of carbon and oxides of nitrogen.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Containment and Clean up: Floor may become slippery. Wear appropriate protective clothing. 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	ACGIH-TLV	OSHA-PEL
2-Aminoethan-1-ol #141-43-5	TWA: 3 ppm; STEL: 6 ppm	TWA: 3 ppm
Hexoxydiglycol #112-59-4	Not available	Not available
Non-ionic ethoxylate blend	Not available	Not available
Phenylmethanol #100-51-6	Not available	Not available

Engineering Controls: General ventilation normally adequate.

Respiratory Protection: Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

Eye Protection: Use splash-proof, chemical-resistant goggles.

Protective Gloves: Use chemical resistant gloves.

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor: Colorless liquid/Mild soap odor	Specific Gravity: 0.980
Odor threshold: Not available	Vapor Pressure: Not available
pH (Conc.): 10.8-12.0 pH (Diluted 1:5): 10.5-11.5	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): <3% (<30 g/L)	Coefficient of water/oil distribution: Not available

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

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Do not mix with other chemicals.

Incompatibility: Acids and oxidizers

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: May include and are not limited to: oxides of carbon and oxides of nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

Effects of acute exposure:

Eyes: May cause permanent eye damage, including blindness.

Skin: May cause severe skin irritation.

Inhalation: May cause irritation of throat and respiratory tract.

Ingestion: Causes burns to mouth, throat and stomach.

Sensitization: Non-hazardous by WHMIS/OSHA criteria.

Chronic effects: Prolonged or repeated exposure to dilutions can cause drying, defatting and dermatitis.

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 Algae

2-Aminoethan-1-ol #141-43-5

72 Hr EC₅₀ Desmodemus subspicatus: 15 mg/L

Freshwater Fish

Hexoxydiglycol#112-59-4

96 Hr LC₅₀ Pimephales promelas: 200-230 mg/L [static]

Phenylmethanol #100-51-6

48 Hr LC₅₀ Fathead Minnow: 770 mg/L [static]

2-Aminoethan-1-ol #141-43-5

96 Hr LC₅₀ Pimephales promelas: 227 mg/L [flow-through];

96 Hr LC₅₀ Brachydanio rerio: 3684 mg/L [static];

96 Hr LC₅₀ Lepomis macrochirus: 300-1000 mg/L [static];

96 Hr LC₅₀ Oncorhynchus mykiss: >200 mg/L [flow-through]

Water Flea

Hexoxydiglycol#112-59-4 48

Hr LC₅₀ Daphnia magna: 433 mg/L [static]

Phenylmethanol #100-51-6

48 Hr EC₅₀ Daphnia magna: 400 mg/L

2-Aminoethan-1-ol #141-43-5

48 Hr LC₅₀ Daphnia magna: 140 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

U.S. DOT:

Hazard Class: 8

Packing Group: III

Label: Corrosive

Proper Shipping Name: UN3267, Corrosive liquid, basic, organic, n.o.s. (contains Ethanolamine)

Special provisions: IB3, T7, TP1, TP28

Packaging exceptions: <5L (1.3 gallon) – Consumer Commodity, ORM-D

ERG number: 153

CANADA TDG:

Hazard Class: 8

Packing Group: III

Label: Corrosive

Proper Shipping Name: UN3267, Corrosive liquid, basic, organic, n.o.s. (contains Ethanolamine)

Special provisions: 16

Packaging exceptions: <5L (1.3 gallon) – Consumer Commodity, ORM-D

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-Aminoethan-1-ol #141-43-5 1%

Phenylmethanol #100-51-6 1%

Hexoxydiglycol #112-59-4 1%

WHMIS Status: Controlled

WHMIS Classification: Class E – Corrosive Material

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)
2-Aminoethan-1-ol	141-43-5	CA, IL, MA, NJ, PA, RI	N/A	N/A	N/A
Phenylmethanol	100-51-6	PA	N/A	N/A	N/A
Hexoxydiglycol	112-59-4	PA	N/A	N/A	N/A

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

This product meets the Green Seal™ Standard for Floor-Care Products for Industrial and Institutional Use, GS-40, based on its reduced human and aquatic toxicity and reduced smog production potential, as compared to conventional products.

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.