

Safety Data Sheet (SDS)

Section 1 - Chemical Product and Company Information

Product Name: SB 2846 Ammoniated Wax Stripper PLUS Product Code: A019P

Manufactured by:

Shore Corporation
2917 Spruce Way
Pittsburgh, PA 15201

Telephone 412-471-3330
Toll free 800-860-4978
Fax 412-471-3260
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sales@shorecorporation.com

In case of transportation or
chemical emergency contact:

ChemTel, Inc
1-800-255-3924 (24 hours)

Product Use: Stripping floor finishes
Not recommended for:

Section 2 - Hazards

According to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR Part 1910.1200

GHS Ratings:

Skin corrosive	1A	Destruction of dermal tissue: Exposure < 3 min. Observation < 1 hour, visible necrosis in at least one animal
Eye corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity \geq 3, Iritis > 1.5

GHS Hazards

H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage

GHS Precautions

P260	Do not breathe dust/fume/gas/mist/vapours/spray
P264	Wash hands and exposed skin thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P310	Immediately call a POISON CENTER or doctor/physician
P321	Specific treatment (see Section 4 on this SDS)
P363	Wash contaminated clothing before reuse
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P305+P351+P338

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P405

Store locked up

P501

Dispose of contents/container in accordance with local/ regional/ national/, regulations.

Signal Word: Danger



Preexisting skin, eye, and respiratory disorders may be aggravated by exposure to this product.

Section 3 - Composition

Chemical Name	CAS number	Weight Concentration %
Water	7732-18-5	80.00% - 90.00%
Sodium tripolyphosphate	7758-29-4	5.00% - 10.00%
Alcohols, C9-11, ethoxylated	68439-46-3	1.00% - 5.00%
Disodium Metasilicate	6834-92-0	1.00% - 5.00%
Ammonium hydroxide solution	1336-21-6	1.00% - 5.00%
b-Alanine, N-(2-carboxyethyl)-N-[3-(decyloxy)propyl]-monosodium salt	64972-19-6	1.00% - 5.00%
Potassium hydroxide	1310-58-3	1.00% - 5.00%
Sodium Pyrophosphate Tetrabasic	7722-88-5	1.00% - 5.00%

Section 4 - First Aid Measures

INHALATION - Take affected persons out into the fresh air. Supply fresh air; consult doctor in case of complaints. Provide oxygen treatment if affected person has difficulty breathing. In case of irregular breathing or respiratory arrest provide artificial respiration. In case of unconsciousness place patient stably in side position for transportation.

EYE CONTACT - In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician examine the eyes.

SKIN CONTACT - Immediately remove any clothing soiled by the product. Immediately wash with water and soap and rinse thoroughly. Rinse until skin no longer feels slippery. If skin irritation continues, consult a doctor.

INGESTION - If material is ingested, rinse out mouth with water and seek immediate medical attention. Do not induce vomiting but if vomiting occurs spontaneously, keep the head below the hips to prevent aspiration of liquid into the lungs. If victim is conscious drink large quantities of water to dilute stomach contents.

Notes to Physician: If swallowed, gastric irrigation with added, activated carbon. If swallowed or in case of vomiting, danger of entering the lungs. If necessary oxygen respiration treatment.

Section 5 - Fire Fighting Measures

Flash Point: >94C

EXTINGUISHING MEDIA: This product is not inherently flammable. Use media appropriate for surrounding fire.

UNUSUAL FIRE OR EXPLOSION HAZARDS: None known

HAZARDOUS COMBUSTION PRODUCTS: See section 10 for a list of hazardous decomposition products for this mixture.

FIRE FIGHTING: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

FIRE FIGHTING EQUIPMENT: Firemen and emergency responders: wear full turnout gear or Level A equipment, including positive-pressure, self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

SPILL AND LEAK PROCEDURES: Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Keep nonessential personnel away from the contaminated area. Spilled product may be very slippery!

SMALL SPILLS: Ventilate the contaminated area. Mix the appropriate sorbent into the spilled material. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Collect the saturated sorbent and transfer it into a covered container. Steel or plastic containers are acceptable for wastes. Rinse with water to remove any residue.

Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

LARGE SPILLS: Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas.

Ventilate the contaminated area. Mix the appropriate sorbent into the spilled material. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Collect the saturated sorbent and transfer it into a covered container. Steel or plastic containers are acceptable for wastes. Rinse with water to remove any residue.

Label the waste container. Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

Section 7 - Handling and Storage

HANDLING PRECAUTIONS: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas.

Avoid aerosolizing product. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containers closed when not in use. Store at room temperatures, i.e., 40 to 95 F (4 to 35 C).

Do not allow product to come in contact with aluminum.

STORAGE: Requirements to be met by storerooms and receptacles:

Store in a cool location.

Provide ventilation for receptacles.

Information about storage in one common storage facility:

Store away from foodstuffs.

Do not store together with acids.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Keep container tightly sealed.

REGULATORY REQUIREMENTS: No data found.

Section 8 - Exposure Controls / Personal Protection			
Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Water 7732-18-5	Not Established	Not Established	Not Established
Sodium tripolyphosphate 7758-29-4	10 mg/m ³ TWA (total dust) 5 mg/m ³ TWA (respirable dust)	Not Established	Not Established
Alcohols, C9-11, ethoxylated 68439-46-3	Not Established	Not Established	Not Established
Disodium Metasilicate 6834-92-0	Not Established	Not Established	Not Established
Ammonium hydroxide solution 1336-21-6	PEL (TWA) (mg/m ³) 35 mg/m ³ (TWA) (ppm) 50 ppm	TWA (mg/m ³) 17 mg/m ³ TWA (ppm) 25 ppm STEL (mg/m ³) 24 mg/m ³ STEL (ppm) 35 ppm	Not Established
b-Alanine, N-(2-carboxyethyl)-N-[3-(decyloxy)propyl]-monosodium salt 64972-19-6	Not Established	Not Established	Not Established
Potassium hydroxide 1310-58-3	Not Established	TLV 2.00 mg/m ³	NIOSH 2.00 mg/m ³
Sodium Pyrophosphate Tetrabasic 7722-88-5	Air Contaminants Value = TWA Control Parameters = 5 mg/m ³	Not Established	NIOSH Value = TWA Control Parameters = 5 mg/m ³

ENGINEERING:

VENTILATION: Use only with adequate ventilation, i.e., ventilation in compliance with occupational exposure limits. Use mechanical ventilation to reduce buildup of vapors in enclosed areas.

ADMINISTRATIVE CONTROLS: Read SDS and follow recommended procedures.

PROTECTIVE EQUIPMENT: Wear splash goggles. If extra protection is required, wear a face shield over the splash goggles. Face shields are effective only if worn in addition to splash goggles.

Wear a chemical-resistant, butyl-rubber apron and other protective clothing, as deemed appropriate, to avoid skin contact with material.

Wear chemical-resistant gloves (butyl rubber or neoprene). Protective gloves should be inspected frequently and discarded when they exhibit cuts, tears, pinholes, or signs of excessive wear.

Respiratory protection may not be needed if the local exhaust is sufficient to maintain levels of hazardous ingredients below occupational exposure limits. If needed, use a NIOSH/MSHA approved respirator equipped with a full facepiece, organic vapor cartridges, and high-efficiency, particulate air (HEPA) filters. Do not use respirators beyond their capabilities. FOR EMERGENCIES AND UNKNOWN CONCENTRATIONS, use supplied-air respiratory protection or a positive-pressure, self-contained breathing apparatus (SCBA).

CONTAMINATED EQUIPMENT: Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstances:

Appearance: Clear pink liquid	Odor: Mild ammonia
Vapor Pressure: 18.9 mmHg	Odor threshold: No Data
Vapor Density: 0.7	pH: 13 - 14
Specific Gravity: 1.106	Melting point: No Data
Freezing point: No Data	Solubility: No Data
Boiling range: 38°C	Flash point: >94C
Evaporation rate: No Data	Flammability: No Data
Explosive Limits: None	Partition coefficient (n-octanol/water): No Data
Autoignition temperature: No Data	Decomposition temperature: No Data
Viscosity: No Data	Grams VOC less water: No Data

Section 10 - Stability and Reactivity

Stability: Hazardous polymerization will not occur.

STABLE

Components of this mixture are incompatible with the following materials: Acids and soft metals like aluminum. .

This mixture is likely to exhibit the following combustion products:

Oxides of carbon and nitrogen

Section 11 - Toxicological Information

Mixture Toxicity

Component Toxicity

7758-29-4

Sodium tripolyphosphate

68439-46-3 Oral LD50: 3,120 mg/kg (rat) Dermal LD50: 4,640 mg/kg (rabbit)
 Alcohols, C9-11, ethoxylated
 Oral LD50: 2,001 mg/kg (rat) Dermal LD50: 3,300 mg/kg (rat)

Exposure to this material may affect the following organs:

Effects of Overexposure

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

CAS Number	Description	% Weight	Carcinogen Rating
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Section 12 - Ecological Information

Ecological information: No data found.

Component Ecotoxicity

Alcohols, C9-11, ethoxylated	Toxicity to fish - Components Alcohols, C9-11, ethoxylated LC50 (96 h) : 1 - 10 mg/l Species : Fathead minnow (Pimephales promelas). Toxicity to daphnia - Components Alcohols, C9-11, ethoxylated EC50 (48 h) : 1 - 10 mg/l Species : Daphnia Toxicity to algae - Components Alcohols, C9-11, ethoxylated ErC50 (96 h) : 1 - 10 mg/l Species : Algae.
Disodium Metasilicate	Toxicity to Fish LC50 - Danio rerio (zebra fish) - 210 mg/l - 96 h
Ammonium hydroxide solution	LC50 fishes 1 0.16 - 1.1 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); SOLUTION >=50%) LC50 other aquatic organisms 1 1 - 10 mg/l (96 h; SOLUTION >=50%) LC50 fish 2 0.75 - 3.4 mg/l (96 h; Pimephales promelas; SOLUTION >=50%) TLM fish 1 47 ppm (48 h; Salmo gairdneri (Oncorhynchus mykiss); COOL WATER) TLM fish 2 34 ppm (48 h; Salmo gairdneri (Oncorhynchus mykiss); WARM WATER) TLM other aquatic organisms 1 20 ppm (100 h; Daphnia magna) Threshold limit other aquatic organisms 2 0.0012 mg/l (Oncorhynchus gorbuscha; SOLUTION >=50%)
b-Alanine, N-(2-carboxyethyl)-N-[3-(decyloxy)propyl]- monosodium salt	Aquatic toxicity : (96 h) : 10 - 100 mg/l Species : Fathead minnow (Pimephales promelas).
Potassium hydroxide	LC50 - Gambusia affinis (Mosquito fish) - 80 mg/l - 96 h
Sodium Pyrophosphate Tetrabasic	Aquatic Toxicity LC50; 1380 mg/l = 96 hrs., Other Fish EC50; 391 mg/l = 48 hrs., Daphnia magna (Water Flea)

Section 13 - Disposal Considerations

As the US EPA, state, regional, and other regulatory agencies may have jurisdiction over the disposal of your facility's hazardous waste, it is incumbent upon you, the hazardous waste generator, to learn of and satisfy all the requirements which affect you. Dispose of the hazardous waste at a properly licensed and permitted disposal site or

facility. Ensure conformity to all applicable hazardous waste disposal regulations.

The US EPA Hazardous Waste Numbers which follow are applicable to this unadulterated product if the product enters the "waste stream." Refer to Title 40 of the Code of Federal Regulations, Part 261 (40 CFR 261). This part of the Code identifies solid wastes which are subject to regulation under various sections of the Code and which are subject to the notification requirements of Section 3010 of the Resource Conservation and Recovery Act (RCRA).

Section 14 - Transport Information

This material is classified for transport as follows:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
US DOT	Non Regulated			

Section 15 - Regulatory Information

Additional regulatory listings, where applicable.

The following chemicals are listed in MA RTK

7722-88-5 Sodium Pyrophosphate Tetrabasic 1 to 5 %
1310-58-3 Potassium hydroxide 1 to 5 %

The following chemicals are on the NJ RTK list:

7722-88-5 Sodium Pyrophosphate Tetrabasic 1 to 5 %
1310-58-3 Potassium hydroxide 1 to 5 %
1336-21-6 Ammonium hydroxide solution 1 to 5 %
6834-92-0 Disodium Metasilicate 1 to 5 %

The following chemicals are on the PA RTK list

7722-88-5 Sodium Pyrophosphate Tetrabasic 1 to 5 %
1310-58-3 Potassium hydroxide 1 to 5 %
1336-21-6 Ammonium hydroxide solution 1 to 5 %
6834-92-0 Disodium Metasilicate 1 to 5 %

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
Canada	Canadian Domestic Substances List	No
US	Toxic Substances Control Act	Yes

EU Risk Phrases

Safety Phrase

Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory:

- None

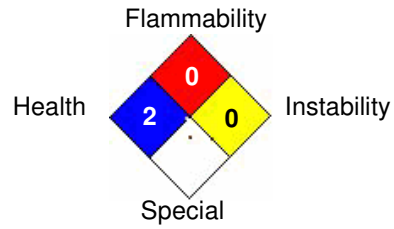
Section 16 - Other Information

Hazardous Material Information System (HMIS)

National Fire Protection Association (NFPA)

HEALTH	<input type="text" value="2"/>
FLAMMABILITY	<input type="text" value="0"/>
PHYSICAL HAZARD	<input type="text" value="0"/>
PERSONAL PROTECTION	<input type="text"/>

HMIS & NFPA Hazard Rating Legend
* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH
4 = SEVERE



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Reviewer Revision

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