

1. Product and Company Identification

Product Code: 00048
Product Name: Polyfab Pro Shade Sail Cleaner
Company Name: Polyfab USA, LLC
29 Fitch Street
New Haven, CT 06515
Phone Number: (877)877-2726

Web site address: www.apcoproducts.com

Emergency Contact: CERTS (Health & Environmental only) (800)552-3787
Information: (877)877-2726

2. Hazards Identification

GHS Signal Word:
GHS Hazard Phrases: No phrases apply.
GHS Precaution Phrases: No phrases apply.
GHS Response Phrases: No phrases apply.
GHS Storage and Disposal Phrases: No phrases apply.

Hazard Rating System:

HEALTH	1
FLAMMABILITY	0
PHYSICAL	0
PPE	A

HMIS:

Potential Health Effects (Acute and Chronic): Chronic: Effects may be delayed.

Inhalation: The toxicological properties of this substance have not been fully investigated. Inhalation of dust may cause respiratory tract irritation. Can produce delayed pulmonary edema. Causes irritation of the mucous membrane and upper respiratory tract.

Skin Contact: Causes skin irritation.

Eye Contact: Causes eye irritation. May cause chemical conjunctivitis.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7320-34-5	Potassium pyrophosphate	< 2.0 %

4. First Aid Measures

Emergency and First Aid

Procedures:

- In Case of Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
- In Case of Skin Contact:** Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
- In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
- In Case of Ingestion:** Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
- Note to Physician:** None known.

5. Fire Fighting Measures

- Flash Pt:** NP Method Used: Estimate
- Explosive Limits:** LEL: UEL:
- Autoignition Pt:** NP
- Suitable Extinguishing Media:** Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.
- Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. This material in sufficient quantity and reduced particle size is capable of creating a dust explosion.

Flammable Properties and Hazards:

6. Accidental Release Measures

- Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

7. Handling and Storage

- Precautions To Be Taken in Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.
- Precautions To Be Taken in Storing:** Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from moisture.

8. Exposure Controls/Personal Protection

SAFETY DATA SHEET

Polyfab Pro Shade Sail Cleaner

Page: 3 of 5

Revision: 10/07/2014

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7320-34-5	Potassium pyrophosphate			
Respiratory Equipment (Specify Type):	A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.			
Eye Protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.			
Protective Gloves:	Wear appropriate protective gloves to prevent skin exposure.			
Other Protective Clothing:	Wear appropriate protective clothing to prevent skin exposure.			
Engineering Controls (Ventilation etc.):	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.			

9. Physical and Chemical Properties

Physical States:	[] Gas	[X] Liquid	[X] Solid
Appearance and Odor:	clear, water white liquid. bland.		
Freezing Point:	< 0.00 C		
Boiling Point:	> 100.00 C		
Decomposition Temperature:	NE		
Autoignition Pt:	NP		
Flash Pt:	NP Method Used: Estimate		
Explosive Limits:	LEL:		UEL:
Specific Gravity (Water = 1):	~ 1.05		
Vapor Pressure (vs. Air or mm Hg):			
Vapor Density (vs. Air = 1):			
Evaporation Rate:			
Solubility in Water:	100%		
pH:	9.5 - 10.55		
Percent Volatile:	> 95.0 % by weight.		
VOC / Volume:	>= 0.0000		

10. Stability and Reactivity

Stability:	Unstable []	Stable [X]
Conditions To Avoid - Instability:	Incompatible materials, dust generation, Excess heat.	
Incompatibility - Materials To Avoid:	Strong acids. Ammonia, magnesium, Sodium, calcium salts.	
Hazardous Decomposition Or Byproducts:	Phosphine, oxides of phosphorus, irritating and toxic fumes and gases.	
Possibility of Hazardous Reactions:	Will occur []	Will not occur [X]
Conditions To Avoid - Hazardous Reactions:		

11. Toxicological Information

Toxicological Information: Epidemiology: No information found.
Teratogenicity: No information available. Reproductive Effects: Mutagenicity:
Neurotoxicity:

Carcinogenicity/Other Information: CAS# 7320-34-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7320-34-5	Potassium pyrophosphate	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated.

DOT Hazard Class:

UN/NA Number:

Packing Group:

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LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Pesticides, liquid, toxic, n.o.s.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7320-34-5	Potassium pyrophosphate	No	No	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

7320-34-5 Potassium pyrophosphate
CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

16. Other Information

Revision Date: 10/07/2014

Additional Information About This Product:

Company Policy or Disclaimer: THE INFORMATION CONTAINED HEREIN is based upon available information at the time of preparation and is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that the information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or any other user proximately caused by the material if misused or if reasonable

SAFETY DATA SHEET
Polyfab Pro Shade Sail Cleaner

safety procedures are not adhered to as stipulated in the data sheet and on the product label. Furthermore, vendor assumes no responsibility for injury or damage caused by abnormal use of this material even if reasonable safety measures are followed.