



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

1. Product and Company Identification	
Product Name	PolyColor Stripper
Manufacturer's name	Horizons Incorporated
Address	18531 South Miles Road Cleveland, Ohio 44128
Emergency Telephone Number	(216) 475-0555
Information Telephone Number	(216) 475-0555

2. Hazards Identification	
GHS Classification	
H303 H333 H313 H315 H320	Acute toxicity, Oral – Category 5 Acute toxicity, Inhalation – Category 5 Acute toxicity, Dermal – Category 5 Skin corrosion/irritation – Category 2 Serious eye damage/eye irritation – Category 2B
GHS Label Elements	
Hazard Pictogram	
Signal Word	Warning
Hazard Statements	
H303 H313 H333 H315 H320	May be harmful if swallowed May be harmful in contact with skin May be harmful if inhaled Causes skin irritation Causes eye irritation
Precautionary Statements	
P264 P280 P302+P352 P305+P351+P338 P332+P337+P313 P312 P362+P364	Wash thoroughly after handling Wear protective gloves and eye protection IF ON SKIN: wash with plenty of water IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If skin or eye irritation occurs or persists: Get medical advice/attention Call a poison center/doctor if you feel unwell Take off contaminated clothing and wash before reuse

3. Composition/Information on Ingredients		
Components/ Materials	CAS Number	%
Sodium metaperiodate	7790-28-5	<5
Water	7732-18-5	>95

4. First Aid Measures	
Inhalation	Promptly remove to fresh air. Get medical attention if irritation persists.
Skin Contact	Flush skin with water after contact. Wash contaminated clothing before reuse.
Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
Ingestion	Drink two glasses of water to dilute. Do not induce vomiting unless directed by medical personnel. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures	
Flammable Properties	Flash point – non-flammable, but dried residue is an oxidizer and contact with combustible material may cause a fire.
Flammable Limits	
Lower Flammable Limit	Not applicable
Upper Flammable Limit	Not applicable
Hazardous Combustion Products	Hydrogen iodide, sodium oxides.
Unusual Fire/Explosion Hazards	None
Extinguishing Media	Use that of surrounding fire
Special Firefighting Procedures	Wear self-contained breathing apparatus & protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures	
Small Spill	Flush to waste with large quantities of water. Mop with water soaked towels; dry paper towels may smolder and ignite. Avoid raising dust.
Large Spill	Absorb spill with inert material (e.g., dry sand or earth). Flush area with water to minimize residue. Avoid raising dust.

7. Handling and Storage	
Handling	Avoid contact with eyes. Keep container closed. Use only in a well ventilated area. Wash thoroughly after handling. Avoid prolonged or repeated breathing of mists and vapors. Avoid prolonged or repeated contact with skin.
Storage	Store between 65-85°F. Keep containers sealed when not in use.

8. Exposure Control/Personal Protection				
Exposure Limits				
Chemical Name	CAS No.	OSHA	ACGIH	NIOSH
Sodium metaperiodate	7790-28-5	ND	ND	ND
ND – Not Determined				
The ingredients listed for this product are not reported by NTP or IARC or regulated by OSHA as a carcinogen				
Engineering Controls	Use only with adequate ventilation. Local exhaust ventilation may be necessary. Keep trays & tanks covered whenever possible.			
Respiratory Protection	When respiratory protection is required, use a NIOSH approved air-purifying respirator equipped with a high efficiency filter. For emergency and other conditions where exposure limits may be greatly exceeded, use an approved positive-pressure, self-contained breathing apparatus or positive-pressure air line with auxiliary self-contained air supply.			
Skin Protection	For brief contact, no precautions other than clean body-covering clothing should be needed. Use chemical resistant gloves, such as nitrile or polychloroprene, when routinely handling chemical products.			
Eye Protection	Use safety glasses with side shields or, preferably, chemical goggles.			

9. Physical and Chemical Properties	
Boiling Point	>100°C
Specific Gravity	1.00 – 1.01
% Volatiles	95% (water)
Solubility in Water	Soluble in all proportions
pH	4.0-5.0
Odor	Odorless
Form	Liquid
Color	Colorless
VOC	None

10. Stability and Reactivity	
Chemical Stability	Stable under normal storage conditions
Conditions to Avoid	Heat, direct sunlight
Incompatibility	Reducing agents. Flammable & combustible materials.
Hazardous Decomposition Products	None under normal conditions. Iodine or oxides of iodine are possible in extreme heat.
Hazardous Polymerization	Will not occur

11. Toxicological Information

Results of component toxicity test performed:

Data for Sodium metaperiodate (CAS 7790-28-5)	Acute Toxicity Data: Oral LD50: 264 mg/kg (rat); Intraperitoneal LD50: 58 mg/kg (mouse).
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12. Ecological Information

The following properties are ESTIMATED from the components of the preparations.

Potential Toxicity:

No data available

Persistence and degradability	ND
Chemical Oxygen Demand (COD)	ND
Biochemical Oxygen Demand (BOD)	ND
Chemical Fate Information	ND

13. Disposal Considerations

Small quantities may generally be discharged to sewers. Note that Federal, State and local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.

Contact a licensed professional waste disposal service to dispose of large quantities of this material

14. Transport Information

Proper Shipping Name	Chemicals, N.O.S., Not D.O.T. Regulated
UN No.	None
IATA Class	Not Regulated
Packing Group	Not applicable

15. Regulatory Information**U.S. Federal Regulations**

TSCA Section 8 (b) Inventory	All components are listed on the TSCA Chemical Inventory
OSHA	Hazardous by definition of Hazard Communications Standard (29CFR1910.1200)

SARA Hazard Category

SARA 302 Components	None
SARA 313 Components	None
SARA 311/312 Hazards	Acute health Hazard

State Regulations

Massachusetts Right To Know Components	None
Pennsylvania Right To Know Components	Sodium Periodate
New Jersey Right To Know Components	Sodium Periodate
California Proposition 65 Components	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information**HMIS**

H - 2

F - 0

R - 1

PPE - B

The information in this material safety data sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations & management, and for persons working with or handling this product. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions but does not purport to be all inclusive. Horizons Incorporated shall not be held liable for any damage resulting from handling or from contact with the above product.