



SAFETY DATA SHEET

Section 1: Identification			
Product Name:	Strate-Line[®], SmaStrip[®], Twindicator[™], O.K.[®] Strip, Bio-Challenge Pack, Once-A-Day, Once-A-Day II, Steam Dot		
Reorder No.:	265101, 265102, 265103, 265104, 264101, 264103, 269066, 266103, 266105, and 364001.		
Purpose/Use:	Steam Sterilization Indicators		
Contact Info:	Propper Manufacturing Company, Inc. 36-04 Skillman Avenue Long Island City, NY 11101 (718) 392-6650 (Regular and Emergency Number)		
Section 2: Hazard Identification			
Source of Hazard	GHS Classification for Component	Symbols for Component	Hazard and Precautionary Statements
Lead II Carbonate	<u>Oral</u> – In case of accidental ingestion, Category 4 <u>Inhalation</u> – Not a source of exposure <u>Reproductive</u> – In case of accidental ingestion, Category 1A <u>Environmental</u> – Aquatic, Category 1 Signal Word: Danger		H373, May cause damage through repeated ingestion H410, Toxic to aquatic life H360Df, May damage unborn child if ingested H302, Harmful if swallowed
Sulfur	<u>Skin Irritation</u> – For sensitive individuals, Category 2		Toxic if swallowed. May cause skin irritation.
Section 3: Composition and Information on Ingredients			
Hazardous Ingredients	Approximate Concentration	CAS	Notes
Paper	>98%		
Lead II Carbonate Basic	<1%	1319-46-6	See Section 16
Sulfur	<1%	7704-34-9	See Section 16
Section 4: First Aid Measures			
Eye Contact	No potential health effects.		
Skin Contact	No potential health effects.		
Inhalation	No potential health effects.		
Ingestion	Repeated ingestion could lead to absorption of the lead compound which may cause birth defects or cancer.		
Section 5: Fire Fighting Measures			
Classification	N/A		
Flash Point	N/A		
Extinguishing Media	Any class A or class B extinguishing media, including: foam, carbon dioxide or dry chemical.		
Special Fire Fighting Procedures	Use a self contained breathing apparatus to avoid fumes.		
Special Fire and Explosion Hazards	None.		
Section 6: Accidental Release Measures			
Spill, Leak, and Disposal Procedures	None.		
Section 7: Handling and Storage			

Handling Procedures	Do not ingest. Do not use after expiration date.
Storage Procedures	Keep in cool, dry place in original box.
Section 8: Exposure Control/Personal Protection	
Exposure Limits	For Lead: ACGIH-TLV - TWA, 0.05 mg/m³, see section 16.
Engineering Controls	None.
Respiratory Protection	None.
Eye Protection	None.
Skin Protection	None.
Section 9: Physical and Chemical Properties	
Physical State	Paper strip with printed ink.
Appearance	Paper strip with printed ink.
Odor	None.
Vapor Pressure	N/A
pH	Approximately 7 to 11
Relative Density	N/A
Melting/Freezing Point	N/A, N/A
Solubility in Water	Insoluble
Boiling Point/Range	N/A, N/A
Flash Point	N/A
Evaporation Rate	N/A
Flammability	Flammable
Partition Coefficient: n-octanol/water	N/A
Decomposition Temperature	> 400°F
Viscosity	N/A
Explosive Limit	N/A
Section 10: Stability and Reactivity	
Stability	Stable.
Incompatibility	None.
Hazardous Polymerization	Will not occur.
Combustion and Decomposition Products	Carbon monoxide, carbon dioxide, lead oxide when burned.
Section 11: Toxicological Information	
Effects of Exposure	<p>Effects due to Presence of Lead Compound</p> <p>Acute toxicity: no data available</p> <p>Skin corrosion/irritation: no data available</p> <p>Serious eye damage/eye irritation: no data available</p> <p>Respiratory or skin sensitization: no data available</p> <p>Germ cell mutagenicity: no data available</p> <p>Carcinogenicity (IARC): No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.</p> <p>Reproductive toxicity</p> <p>Reproductive toxicity - rat - Oral</p> <p>Effects on Newborn: Growth statistics (e.g., reduced weight gain), Behavioral. May cause reproductive disorders.</p> <p>Specific target organ toxicity - single exposure (GHS): no data available</p>

<p>Specific target organ toxicity - repeated exposure (GHS): no data available Aspiration hazard: no data available</p> <p>Potential health effects Inhalation: Not a source of exposure. Ingestion: May be harmful if swallowed. Skin: May be harmful or cause irritation if absorbed through skin. Use gloves if necessary. Eyes: May cause eye irritation. Additional Information RTECS: OF9275000</p>					
Section 12: Ecological Information					
Ecotoxicity	Toxic to aquatic life; may have long-term adverse effects on aquatic environments.				
Biodegradability	No data available.				
Section 13: Disposal Considerations					
Waste Disposal	Observe all federal, state, and local environmental regulations. May be incinerated.				
Section 14: Transport Information					
US DOT	Contact Propper MFG for more information.				
European ADR	Contact Propper MFG for more information.				
International Shipping	Contact Propper MFG for more information.				
Canadian TDG	Contact Propper MFG for more information.				
Section 15: Regulatory Information					
US Federal and State Regulations	Contact Propper MFG for more information.				
Canada	Contact Propper MFG for more information.				
Section 16: Other Information					
<p>This information pertains, specifically, to the lead present in the ink formulation: Toxic, may impair fertility. Harmful by inhalation, ingestion, or absorption by skin. Possible mutagen. Possible teratogen. Target organs: skin, blood. Excessive exposure can affect the nervous system. 311/312 Hazard Categories Fire Hazard – No, Pressure Hazard – No, Reactivity Hazard – No, Immediate Hazard - No Delayed Hazard - Yes Section 313 Toxic Chemicals</p> <p>Subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):</p> <table border="0"> <tr> <td style="padding-right: 40px;">Ingredient</td> <td>C.A.S. No</td> </tr> <tr> <td>Lead carbonate</td> <td>1319-46-6</td> </tr> </table> <p>Note: Propper had cytotoxicity testing done on indicator strip and the test concluded that this strip did not impart cytotoxic properties to the various substrate samples sterilized in contact with them. (Propper PIR 84-3).</p> <p>California (Proposition 65): This product contains trace levels of a compound or component known to the state of California to cause cancer or reproductive toxicity.</p>		Ingredient	C.A.S. No	Lead carbonate	1319-46-6
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