


SAFETY DATA SHEET - DUO-RECORD CARD

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Section 1: Identification

Product Name	Duo-Record Card
Reorder Number	26905100 & 26905200
Purpose/Use	Steam & Ethylene Oxide Sterilization Indicators
Product Description	A paper substrate printed with a reactive indicator for both Steam & Ethylene Oxide Sterilization that shows sterility via a color change to a reference color when sterilized at the stated values if all conditions have been properly met.
Contact Information	Propper Manufacturing Company, Inc. 36-04 Skillman Avenue Long Island City, NY 11101 USA (718) 392-6650 (Regular & Emergency Number)

Section 2: Hazard Identification

Source of Hazard	GHS Classification for Component	Symbols for Component	Hazard & 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		<ul style="list-style-type: none"> • H373, May cause damage through repeated ingestion • H410, Toxic to aquatic life • H360Df, May damage unborn child if ingested • H302, Harmful if swallowed

Section 3: Composition and Information on Ingredients

Hazardous Ingredients	Approximate Concentration	CAS Number	Notes
Lead II Carbonate	Withheld as Trade Secret	1319-46-6	See Section 16

Section 4: First Aid Measures

Eye Contact	Rinse thoroughly and consult a physician.
Skin Contact	May cause irritation.
Inhalation	Not a source of exposure.
Ingestion	Repeated ingestion could lead to absorption of the lead compound which may cause birth defects or cancer.

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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	Hydrogen Chloride gas and Iron Oxides when burned

Section 6: Accidental Release Measures

Spill, Leak, and Disposal Procedures	None.
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Section 7: Handling and Storage

Handling Procedures	Do not use after expiration date.
Storage Procedures	Keep in cool, dry place. Avoid direct sunlight.

Section 8: Exposure Control/Personal Protection

Exposure Limits	For Lead: ACGIH-TLV - TWA, 0.05 mg/m ³ , see section 16.
Engineering Controls	None.
Respiratory Protection	None.
Eye Protection	None.
Skin Protection	None.

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Section 9: Physical and Chemical Properties

Physical State	Paper with red and white printed ink.
Appearance	Rectangular card with red and white printed ink
Odor	None.
Vapor Pressure	N/A
pH	N/A
Relative Density	N/A
Melting/Freezing Point	N/A
Solubility in Water	Insoluble
Boiling Point/Range	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	Avoid Sodium, Potassium, Sodium Oxides, Strong Oxidizers, Halides, Metal Hydrides, and strong Alkalis.
Hazardous Polymerization	Will not occur.
Hazardous Combustion and Decomposition Products	Carbon Monoxide, Carbon Dioxide, and Lead Oxide when burned.

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Section 11: Toxicological Information

Effects of Exposure	<p style="text-align: center;"><u>Effects Due to Presence of Lead Compound</u></p> <p style="text-align: center;">Acute Toxicity: no data available</p> <p style="text-align: center;">Skin Corrosion/Irritation: no data available</p> <p style="text-align: center;">Serious Eye Damage/Eye Irritation: no data available</p> <p style="text-align: center;">Respiratory or Skin Sensitization: no data available</p> <p style="text-align: center;">Germ Cell Mutagenicity: no data available</p> <p style="text-align: center;">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 style="text-align: center;">Reproductive Toxicity</p> <p style="text-align: center;">Reproductive toxicity - rat - Oral</p> <p style="text-align: center;">Effects on Newborn: Growth statistics (e.g., reduced weight gain), Behavioral. May cause reproductive disorders.</p> <p style="text-align: center;">Specific Target Organ Toxicity - single exposure (GHS): no data available</p> <p style="text-align: center;">Specific Target Organ Toxicity - repeated exposure (GHS): no data available</p> <p style="text-align: center;">Aspiration Hazard: no data available</p> <p style="text-align: center;"><u>Potential Health Effects</u></p> <p style="text-align: center;">Inhalation: Not a source of exposure.</p> <p style="text-align: center;">Ingestion: May be harmful if swallowed.</p> <p style="text-align: center;">Skin: May be harmful or cause irritation if absorbed through skin. Use gloves if necessary.</p> <p style="text-align: center;">Eyes: May cause eye irritation.</p> <p style="text-align: center;">Additional Information</p> <p style="text-align: center;">RTECS: OF9275000</p>
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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.
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Section 14: Transport Information

US DOT	Not regulated for transport
European ADR	Not regulated for transport
International Shipping	Not regulated for transport
Canadian TDG	Not regulated for transport

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Section 15: Regulatory Information

US Federal and State Regulations	Sara 302: Not subject. Sara 313: Not subject. Sara 311/312: Not subject. Massachusetts Right to Know Component: • CAS # 1319-46-6 Pennsylvania Right to Know Component: • CAS # 1319-46-6 New Jersey Right to Know Component: • CAS # 1319-46-6 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.
Canada	Contact Propper MFG for more information.

Section 16: Other Information

Propper had cytotoxicity testing done on indicator and the test concluded that it did not impart cytotoxic properties to the various substrate samples sterilized in contact with them. However, some individuals may have increased sensitivity to the compounds in the reactive ink, in which case the following hazards may apply:

- Acute Toxicity 4, Skin Irritation 2, Eye Damage 1, H302 (Harmful if swallowed), H315 (May cause skin irritation), H318 (May cause serious eye damage)
- HMIS Rating: Health Hazard: 2, Chronic Health Hazard:*, Flammability: 0, Physical Hazard: 0
- NFPA Rating: Health Hazard: 2, Fire Hazard: 0, Reactivity Hazard: 0