

## MATERIAL SAFETY DATA SHEET

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Version 1.5

## Section 1 - Product and Company Information

Product Name                    PROTEOSILVER STAIN KIT  
Product Number                PROTSIL1  
Brand                            SIGMA

Company                         Sigma-Aldrich  
Address                         3050 Spruce Street  
                                  SAINT LOUIS MO 63103 US

Technical Phone:               800-325-5832  
Fax:                             800-325-5052  
Emergency Phone:               314-776-6555

## Section 2 - Composition/Information on Ingredient

Substance Name	CAS #	SARA 313
PROTEOSILVER STAIN KIT	None	Yes

The hazards identified with this kit are those associated with the following substances. For additional information, please refer to the individual material safety data sheet(s).

## Kit Components:

PROTEOSILVER SILVER SOLUTION  
PROTEOSILVER SENSITIZER  
PROTEOSILVER DEVELOPER 1  
PROTEOSILVER DEVELOPER 2  
PROTEOSILVER STOP SOLUTION

## Section 3 - Hazards Identification

## EMERGENCY OVERVIEW

Toxic.

Toxic by inhalation, in contact with skin and if swallowed. Causes burns. Limited evidence of a carcinogenic effect. May cause heritable genetic damage.

Contains formaldehyde. Readily absorbed through skin. Lachrymator. Combustible. Target organ(s): Eyes. Kidneys. Confirmed Carcinogen (US). Calif. Prop. 65 carcinogen.

## HMIS RATING

HEALTH: 3\*

FLAMMABILITY: 2

REACTIVITY: 1

## NFPA RATING

HEALTH: 3

FLAMMABILITY: 2

REACTIVITY: 1

## Section 14 - Transport Information

DOT

Proper Shipping Name: Chemical kits or First aid kits  
[(containing hazardous materials)]  
UN#: 3316  
Class: 9  
Packing Group: None  
Hazard Label: Class 9  
PIH: Not PIH

#### IATA

Proper Shipping Name: Chemical kit  
IATA UN Number: 3316  
Hazard Class: 9  
Packing Group: II

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#### Section 15 - Regulatory Information

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##### EU ADDITIONAL CLASSIFICATION

Symbol of Danger: T  
Indication of Danger: Toxic.  
R: 23/24/25-34-40-43  
Risk Statements: Toxic by inhalation, in contact with skin and if swallowed. Causes burns. Limited evidence of a carcinogenic effect. May cause sensitization by skin contact.  
S: 26-36/37-39-45-51  
Safety Statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing and gloves. Wear eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Use only in well ventilated areas.

##### US CLASSIFICATION AND LABEL TEXT

Indication of Danger: Toxic.  
Risk Statements: Toxic by inhalation, in contact with skin and if swallowed. Causes burns. Limited evidence of a carcinogenic effect. May cause heritable genetic damage.  
Safety Statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves, and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Use only in well ventilated areas.  
US Statements: Contains formaldehyde. Readily absorbed through skin. Lachrymator. Combustible. Target organ(s): Eyes. Kidneys. Confirmed Carcinogen (US). Calif. Prop. 65 carcinogen.

##### UNITED STATES REGULATORY INFORMATION

SARA LISTED: Yes  
NOTES: This product is or contains a component that is subject to SARA313 reporting requirements.

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#### Section 16 - Other Information

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##### DISCLAIMER

For R&D use only. Not for drug, household or other uses.