

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (as Used on Label and List)  
Realm Silver Jewelry Cleaner

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's name Realm Products, Inc.	Emergency Telephone Number (770)831-6242
Address (Number, Street, City, State and ZIP Code) 5306 Palmero Court, Suite B Buford, GA 30518	Telephone Number for Information (770)831-6242 Date Prepared 5-18-09 Signature of Preparer (optional)

**Section II—Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Thiourea CAS #62-56-6	N/A	N/A		
Nonionic Surfactant	N/A	N/A		
Phosphated Polyol	N/A	1 mg/m3		

Other active ingredients that may be included constitute 1.0% or less.

**Section III—Physical/Chemical Characteristics**

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	N/A
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	N/A		
Appearance and Odor	Light yellow clear liquid – sulfur odor		

**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used)	N/A	Flammable Limits	N/A	LEL	N/A	UEL	N/A
Extinguishing Media	Non-flammable						
Special Fire Fighting Procedures	Non-flammable						
Unusual Fire and Explosion Hazards	None						

Silver Cleaner  
307023

**Section V—Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (*Materials to Avoid*) Strong acids such as hydrofluoric acid.

Hazardous Decomposition or Byproducts none

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section VI—Health Hazard Data**

Route(s) of Entry Inhalation? Skin?  Ingestion?

Health Hazards (*Acute and Chronic*) none is known

Carcinogenicity NTP? n/a IARC Monographs? n/a OSHA Regulated? not regulated by Osha

Signs and Symptoms of Exposure prolonged skin contact may cause mild irritation

Medical Conditions

Generally Aggravated by Exposure none is known

Emergency and First Aid Procedures for eye contact, flush with water for 15 minutes and seek medical attention.

If accidentally ingested, induce vomiting and get immediate medical attention

**Section VII—Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled do not allow to over dry. If dry, moisten with water and return to container. Wash surface with water for thorough cleansing of surface area

Waste Disposal Method Because of container size, an individual container would not be regulated as a hazardous waste, pursuant EPA regulations.

Precautions to Be Taken in Handling and Storing Should be stored in an area away from excessive heat and moisture.

Other Precautions none

**Section VII—Control Measures**

Respiratory Protection (*Specify Type*) Under normal conditions of use, respiratory protection is not required.

Ventilation	Local Exhaust none	Special
	Mechanical ( <i>General</i> ) none	Other

Protective Gloves impervious gloves, if desired Eye Protection none is required

Other Protective Clothing or Equipment none

Work/Hygienic Practices none