

MATERIAL SAFETY DATA SHEET

Copper & Brass Polish

MSDS DATE: 10/27/11

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Pine-Ola Copper & Brass Polish
MANUFACTURER: Howard Products, Inc.
ADDRESS: 560 Linne Road
Paso Robles, CA 93446
EMERGENCY PHONE: 1-805-227-1000
CHEMTREC PHONE: 1-800-424-9300
FAX PHONE: 1-805-227-1007
PRODUCT USE: For polishing copper, brass, bronze or stainless steel
PREPARED BY: Howard Products, Inc.

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT(s):	CAS #	% VOL
Imsil Silica - Liquefied	14808-60-7	8-15
Bentonite	1302-78-9	8-15
Tartaric Acid	87-69-4	2-10
Red Oleic Acid	112-80-1	1-5
Pine Oil	8002-09-3	1-5
Igepal CA630	68987-90-6	1-5
Water	7732-18-5	40-70

SECTION 3: HAZARDOUS IDENTIFICATION

HAZARD DESIGNATION: Inhalation hazard, only if dust is created.

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush thoroughly with water 15 minutes while holding eyelids open.
Skin Contact: Remove contaminated clothing and wash thoroughly with water.
Inhalation: Remove victim to fresh air and provide oxygen if breathing with difficulty.
Ingestion: DO NOT INDUCE VOMITING. If victim is conscious and not in convulsions, give lots of water or milk to drink.
PHYSICIAN: Danger of aspiration must be weighed against toxicity.

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:
Flashpoint: N/A
Autoignition: N/A
Flammability (Explosive) Limits (% by volume in air): N/A
EXTINGUISHING MEDIA: N/A
PROTECTION OF FIRE FIGHTERS:
Fire Fighting Instructions: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill Management: Wipe up with cloth or sponge.

SECTION 7: HANDLING AND STORAGE

HANDLING: Use good industrial hygiene practices in handling this material.
STORAGE: Store in cool, dry place.
OTHER PRECAUTIONS: Avoid generating dust. DO NOT LET PRODUCT DRY TO A POWDER.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection: Where splashing is possible, wear safety glasses with side shields as a good safety practice.
Skin Protection: N/A
Respiratory Protection: Dust mask if dust generated.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Attention: The data below are typical values and do not constitute a specification.

COLOR:	Grey
PHYSICAL STATE:	Creamy liquid
ODOR:	Mild pine odor
pH:	Not applicable
VAPOR PRESSURE:	Not applicable
VAPOR DENSITY (AIR=1):	<1
BOILING POINT	>200 F°
SOLUBILITY:	Partial
MELTING POINT:	Not available
SPECIFIC GRAVITY:	>1

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

INCOMPATIBILITY WITH OTHER MATERIALS: None known (None expected)

HAZARDOUS DECOMPOSITION PRODUCTS: None known (None expected)

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

SENSITIVITY TO MECHANICAL IMPACT: No

SECTION 11: TOXICOLOGICAL INFORMATION

IMMEDIATE HEALTH EFFECTS – NON-HAZARDOUS

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:

The toxicity of this material to aquatic organisms has not been evaluated. Consequently, this material should be kept out of sewage and drainage systems and all bodies of water.

ENVIRONMENTAL FATE:

This material is considered inherently biodegradable. This material is not expected to present any environmental problems other than those associated with mineral oil spills. This material is not expected to be readily biodegradable. See Section 6 for Accidental Release Measures.

SECTION 13: DISPOSAL CONSIDERATIONS

Wash rags that are used with plenty of soap.

SECTION 14: TRANSPORT INFORMATION

DOT Number: NOT REGULATED AS A DANGEROUS GOOD

DOT Shipping Description: NOT REGULATED AS A HAZARDOUS MATERIAL

SECTION 15: REGULATORY INFORMATION

As known to Howard Products, Inc. this product contains no materials in quantities considered hazardous under OSHA Final Standard "Hazardous Communications 29CFR1910.1200". Non-Hazardous ingredients - 100%

SECTION 16: OTHER INFORMATION

HMIS RATINGS: Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: E

Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages, which may result from the use of or reliance on any information, contained in this document.