

# SAFETY DATA SHEET

## Met-All Brass and Copper Polish

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Printed: 05/19/2015  
Revision: 04/14/2015

### 1. Product and Company Identification

**Product Code:** BC-2, BC-10  
**Product Name:** Met-All Brass and Copper Polish  
**Company Name:** Met-All Industries  
231 Locust Street S.  
P.O. Box 459  
Canal Fulton, OH 44614  
**Phone Number:** (330)854-1122  
**Email address:** metallind@met-all.com  
**Emergency Contact:** Chemtrec (800)424-9300

### 2. Hazards Identification

Specific Target Organ Toxicity (single exposure), Category 3



**GHS Signal Word:** Warning

**GHS Hazard Phrases:** H336 - May cause drowsiness or dizziness.

**GHS Precaution Phrases:** P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P271 - Use only outdoors or in a well-ventilated area.

**GHS Response Phrases:** P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

**GHS Storage and Disposal Phrases:** P405 - Store locked up.  
P501 - Dispose of contents/container according to federal and local regulations.

**Potential Health Effects (Acute and Chronic):** Prolonged or repeated skin contact may cause defatting and dermatitis.  
  
Chronic:

**Inhalation:** May be harmful if inhaled. Skin: May be harmful if absorbed through skin. Causes skin irritation.

**Skin Contact:** May cause irritation with burning pain, itching and redness.

**Eye Contact:** May cause eye irritation.

**Ingestion:** Aspiration hazard. May cause irritation of the digestive tract. May be harmful if swallowed.  
Additional Information.  
RTECS: QJ6950000

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
64742-47-8	Hydrotreated light distillate (petroleum)	12.0 -20.0 %	
112-80-1	Oleic acid	4.0 -9.0 %	
68603-42-9	Cocamide DEA	0.0 -2.0 %	



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**Precautions To Be Taken in Storing:** eyes. Avoid inhalation of vapor or mist. Normal measures for preventive fire protection. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store in a cool, dry place. Keep container tightly closed in a dry and well-ventilated place.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64742-47-8	Hydrotreated light distillate (petroleum)	No data.	TLV: 200 mg/m3	No data.
112-80-1	Oleic acid	No data.	No data.	No data.
68603-42-9	Cocamide DEA	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

**Eye Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Safety glasses.

**Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure. The selected protective gloves have to satisfy the specifications of EU Directive 89/689/EEC and the standard EN 374 derived from it. Handle with gloves.

**Other Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**Engineering Controls (Ventilation etc.):** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

**Work/Hygienic/Maintenance Practices:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid

**Appearance and Odor:** Beige Paste.  
Very Slightly.

**Melting Point:** NA - 13.00 C

**Boiling Point:** 220.00 C - 288.00 C

**Flash Pt:** > 93.30 C Method Used: Estimate

**Evaporation Rate:** < 1

**Flammability (solid, gas):** No data available.

**Explosive Limits:** LEL: No data. UEL: No data.

**Vapor Pressure (vs. Air or mm Hg):** No data.

**Vapor Density (vs. Air = 1):** < 1

**Specific Gravity (Water = 1):** ~ 1 - 1

**Solubility in Water:** No data.

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Percent Volatile: No data.  
Autoignition Pt: NA

### 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]  
**Conditions To Avoid - Instability:** ignition sources.  
**Incompatibility - Materials To Avoid:** Strong oxidizing agents.  
**Hazardous Decomposition or Byproducts:** Nitrogen oxides, Carbon monoxide, oxides of sulfur.  
**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]  
**Conditions To Avoid - Hazardous Reactions:** No data available.

### 11. Toxicological Information

**Toxicological Information:** Epidemiology: No information found.  
Teratogenicity: No information available. Reproductive Effects: Mutagenicity: Neurotoxicity:  
**Carcinogenicity/Other Information:** CAS# 64742-47-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.  
**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

### 12. Ecological Information

No data available.

### 13. Disposal Considerations

**Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.  
RCRA P-Series: None listed.  
RCRA U-Series: None listed. Product:  
Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.  
  
Contaminated packaging:  
Dispose of as unused product.

### 14. Transport Information

#### LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Not Regulated.

**DOT Hazard Class:**

**UN/NA Number:**

#### LAND TRANSPORT (Canadian TDG):

**TDG Shipping Name:** Not Regulated.

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**LAND TRANSPORT (European ADR/RID):**

**ADR/RID Shipping Name:** Not dangerous goods.

**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Not dangerous goods.

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Not dangerous goods.

**15. Regulatory Information**

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
64742-47-8	Hydrotreated light distillate (petroleum)	No	No	No
112-80-1	Oleic acid	No	No	No
68603-42-9	Cocamide DEA	No	No	No

**This material meets the EPA**  Yes  No Acute (immediate) Health Hazard  
**'Hazard Categories' defined**  Yes  No Chronic (delayed) Health Hazard  
**for SARA Title III Sections**  Yes  No Fire Hazard  
**311/312 as indicated:**  Yes  No Sudden Release of Pressure Hazard  
 Yes  No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
64742-47-8	Hydrotreated light distillate (petroleum)	TSCA: Yes - Inventory; CA PROP.65: No
112-80-1	Oleic acid	TSCA: Yes - Inventory; CA PROP.65: No
68603-42-9	Cocamide DEA	TSCA: Yes - Inventory; CA PROP.65: Yes

**16. Other Information**

**Revision Date:** 04/14/2015

**Additional Information About** No data available.

**This Product:**

**Company Policy or**

**Disclaimer:**

The information contained herein is based on the data available to us and is believed to be correct. However, Met-All Industries makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. Met-All Industries assumes no responsibility for injury from the use of the product described herein.