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1. Product and Company Identification

**Product Code:** BC-2, BC-10

**Product Name:** Met-All Brass and Copper Polish

Met-All Industries **Company Name: Phone Number:** 231 Locust Street S. (330)854-1122

P.O. Box 459

Canal Fulton, OH 44614

metallind@met-all.com **Email address:** 

Chemtrec (800)424-9300 **Emergency Contact:** 

#### 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.

P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position **GHS Response Phrases:** 

comfortable for breathing.

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

**GHS Storage and Disposal** P405 - Store locked up.

Phrases:

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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#### 4. First Aid Measures

**Emergency and First Aid** 

Procedures:

In Case of Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If breathed in, move

person into fresh air. Consult a physician.

In case of Skin Contact: In case of contact, flush skin with plenty of water. Remove contaminated clothing and

shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.

Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get

medical aid. Rinse thoroughly with plenty of water for at least 15 minutes and consult a

physician.

In Case of Ingestion: Potential for aspiration if swallowed. Get medical aid immediately. Never give anything by

mouth to an unconscious person. If vomiting occurs naturally, have victim lean forward.

Consult a physician.

Signs and Symptoms Of

Exposure:

To the best of our knowledge, the chemical, physical, and toxicological properties have

not been thoroughly investigated.

Note to Physician: Treat symptomatically and supportively. Consult a physician.

#### 5. Fire Fighting Measures

Flash Pt: > 93.30 C Method Used: Estimate

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

Autoignition Pt: NA

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand,

MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool. Wear self contained breathing

apparatus for fire fighting if necessary.

Flammable Properties and

Hazards:

No data available.

#### 6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section.

Remove all sources of ignition. Provide ventilation. Personal precautions.

Use personal protective equipment. Avoid breathing vapors, mist or gas. Environmental

precautions.

Do not let product enter drains.

Methods for cleaning up.

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in

suitable, closed containers for disposal.

## 7. Handling and Storage

Precautions To Be Taken in Handling:

Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Keep away from heat and flame. Avoid contact with skin and

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eyes. Avoid inhalation of vapor or mist. Normal measures for preventive fire protection.

Precautions To Be Taken in

Storing:

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 -

ignition sources.

Instability:

Incompatibility - Materials To Strong oxidizing agents.

Avoid:

Hazardous Decomposition or Nitrogen oxides, Carbon monoxide, oxides of sulfur.

Byproducts:

Possibility of Hazardous

Will occur [ ] Will not occur [ X ]

Reactions:

Conditions To Avoid - No data

No data available.

**Hazardous Reactions:** 

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** [X] Yes [ ] No Acute (immediate) Health Hazard **'Hazard Categories' defined** [X] Yes [ ] No Chronic (delayed) Health Hazard

for SARA Title III Sections [ ] Yes [X] No Fire Hazard

311/312 as indicated: [ ] Yes [X] No Sudden Release of Pressure Hazard

[ ] Yes [X] 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.