SAFETY DATA SHEET
Met-All Aluminum & Stainless Polish

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Revision: 08/20/2018
Supersedes Revision: 06/08/2016

1. Product and Company Identification

Product Code: BP-2, TC-10

Product Name: Met-All Aluminum & Stainless 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

Part Number: BP-2, TC-10, TC-20, TC-G, TC-P, TC-D

2. Hazards Identification

Specific Target Organ Toxicity (single exposure), Category 3

GHS Signal Word: Warning

GHS Hazard Phrases: H335 - May cause respiratory irritation.

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 %	

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. Get medical aid. 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: > 180.00 F Method Used: Pensky-Marten Closed Cup

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. Personal precautions.
Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

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 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:	Pink Paste. Slight Ammonia Odor.
Melting Point:	NA - 13.00 C
Boiling Point:	220.00 C - 288.00 C
Flash Pt:	> 180.00 F Method Used: Pensky-Marten Closed Cup
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
Solubility in Water:	No data.
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.
ECCN# EAR99.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not dangerous goods.

UN Number:

Hazard Class:

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 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

[X] Yes [ ] No Acute (immediate) Health Hazard
[X] Yes [ ] No Chronic (delayed) Health Hazard
[ ] Yes [X] No Fire Hazard
[ ] 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

Regulatory Information:	California Proposition 65 WARNING: This product can expose you to chemicals including Cocoamide DEA and Distillates (petroleum), which are known to the State of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

16. Other Information

Revision Date:	08/20/2018
Additional Information About This Product:	No data available.
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.