

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET**METAL-BRITE / 2200****OCTOBER 2009****PAGE 1**

HEALTH	1
FIRE	0
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification

CHEMICAL FAMILY: Cleaner/Polish
GENERIC NAME: Brass Polish

SECTION 2 – Composition on Ingredients

CHEMICAL NAME	CAS NO.	WT.%	OSHA PEL	ACGIH/TVL	Other limits
Ammonium Hydroxide	1336-21-6	< 10	No Info	25 ppm	35 ppm
Oxalic Acid	144-62-7	< 5	No Info	.27 ppm	.54 ppm

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of CFR 372:

CAS#	CHEMICAL NAME	% BY WT
1336-21-6	Aqua Ammonia	8.4

SECTION 3 – Hazards Information**EFFECTS OF OVEREXPOSURE:****PRIMARY ROUTE OF ENTRY:**

- SKIN:** May cause minimal irritation. Prolonged contact may cause allergic reaction and skin damage.
- EYES:** May cause irritation, redness and eye damage.
- INHALATION:** May cause irritation, headaches.
- INGESTION:** May cause irritation, nausea, vomiting and diarrhea.

SECTION 4 – First Aid Measures

- SKIN:** Immediately flush skin with plenty of water while removing contaminated clothing.
- EYES:** Flush with water for 15 minutes while lifting eyelids to assure complete removal. Get medical attention.
- INHALATION:** Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention.
- INGESTION:** Do not induce vomiting. If conscious, dilute stomach contents by drinking water. Call a physician immediately.

SECTION 5 – Fire Fighting Measures

- FLASH POINT (METHOD USED):** Non-Flammable UEL: N/A LEL: N/A
- EXTINGUISHING MEDIA:** N/A
- SPECIAL FIRE FIGHTING PROCEDURES:** N/A
- UNUSUAL FIRE AND EXPLOSION HAZARDS:** N/A

SECTION 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear appropriate protective and respiratory equipment. Prevent spills from entering sewers or any unauthorized water systems.

SECTION 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep out of reach of children. Keep container tightly sealed when not in use. For Trained Industrial and Institutional Personnel Only. Practice good hygiene when handling this product.

SECTION 8 – Exposure Controls/Personal Protection

- RESPIRATORY PROTECTION:** None required in normal use of this product.
- VENTILATION:** Sufficient ventilation in volume and pattern should be provided to keep air contamination at a minimum.
- PROTECTIVE GLOVES:** Chemical-resistant gloves.
- EYE PROTECTION:** Safety glasses or chemical goggles.
- OTHER PROTECTIVE EQUIPMENT:** N/A

SECTION 9 – Physical and Chemical Properties

- PHYSICAL DESCRIPTION:** Thick tan liquid, ammonia odor
- BOILING POINT (°F):** 180 – 432°
- VAPOR PRESSURE (mmHg):** 1.00/Hg @70°F
- % VOLATILE:** 60
- SOLUBILITY IN WATER:** Partial
- SPECIFIC GRAVITY (H₂O=1):** 1.09 – 1.10
- VAPOR DENSITY (Air=1):** Heavier than Air
- pH:** 9.5 to 10.0
- EVAPORATION RATE:** Slower than Ether (Butyl Acetate=1)

SECTION 10 – Stability and Reactivity

- STABILITY:** Stable
- HAZARDOUS POLYMERIZATION:** Will not occur.
- INCOMPATIBILITY (Materials to Avoid):** Strong acids, oxidizers.
- HAZARDOUS DECOMPOSITION BYPRODUCTS:** Unknown.

SECTION 11 – Toxicological Information

No Data Available

SECTION 12 – Ecological Information

No Data Available

SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHOD: Dispose in accordance with appropriate Federal, State and Local regulations.

SECTION 14 – Transport Information

PROPER SHIPPING NAME: Non Hazardous

SECTION 15 – Regulatory Information

No Data Available.

SECTION 16 – Other Information

This information was compiled from current manufacturer's MSDS's of the component parts of the product.

Disclaimer: The Manufacturer believes that the information contained in the Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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