




SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2200	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	METAL-BRITE	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Metal Cleaner, Polisher & Protectant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200). Skin Corrosion / Irritation: Category 2 Serious Eye Damage/Eye Irritation: Category 2	SIGNAL WORD: WARNING	SYMBOL:	
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------	----------------	-------------------------------------------------------------------------------------

HAZARD STATEMENTS:

Causes skin irritation.
Causes serious eye irritation.

PRECAUTIONARY STATEMENTS:

Prevention:

Wash face, hands, and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
Call a POISON CENTER or doctor/physician if you feel unwell.

Storage: Store in a closed container.

Disposal: Disposal of contents/container to an approved disposal plant.

HAZARDS NOT OTHERWISE SPECIFIED:

Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
Ammonium hydroxide	1336-21-6	<5

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately. In case of contact with eyes, rinse immediately with plenty of water.

SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a POISON CENTER or doctor/physician. Remove and wash contaminated clothing before reuse.

INHALATION:

Remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician or Poison Control Center if you feel unwell.

INGESTION:

Rinse mouth. Do NOT induce vomiting. Call a physician or Poison Control Center.

5. Fire-Fighting Measures

GENERAL HAZARD:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

SUITABLE FIRE EXTINGUISHING MEDIA:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

In a fire or if heated, a pressure increase will occur and the container may burst.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

SMALL SPILL:

Stop leak, if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if not water soluble, absorb with an inert, dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

LARGE SPILL:

Stop leak, if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, watercourses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite, or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

7. Handling and Storage

HANDLING:

Ensure adequate ventilation. Wear personal protective equipment as required based on a risk assessment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before reuse. Wash thoroughly after handling.

STORAGE:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area away from incompatible materials and food or drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure Controls / Personal Protection

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)			
		EXPOSURE LIMITS	
		Supplier OEL	
Chemical Name		ppm	mg/m ³
Ammonium hydroxide	TWA	NL	NL
	STEL	NL	NL

PERSONAL PROTECTIVE EQUIPMENT:



EYE PROTECTION: If splashes are likely to occur, wear tightly fitting safety goggles and face shield.

SKIN PROTECTION: Personal protective equipment for the body should be selected based on the task being performed and the risks involved, and should be approved by a specialist before handling this product.

RESPIRATORY PROTECTION: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations.

PROTECTIVE CLOTHING: Wear chemical protective clothing e.g. gloves, aprons, boots. As conditions required.

WORK HYGIENIC PRACTICES: Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, using the lavatory, and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. Physical & Chemical Properties

Physical State:	Liquid.	Flash Point & Method:	Not applicable.
Odor:	Typical.	Flammability Limits:	0-0(notes: no data available.)
Odor Threshold:	No data available.	Vapor Pressure:	No data available.
pH:	9.5-10.5	Vapor Density:	No data available.
Melting Point:	No data available.	Solubility (water):	Completely soluble.
Boiling Point:	No data available.	Auto-Ignition Temperature:	No data available.
Appearance:	Colored liquid.	Thermal Decomposition:	No data available.
Evaporation Rate:	No data available.	Specific Gravity:	1.2

10. Stability & Reactivity Information

STABLE:

Yes

CHEMICAL STABILITY:

Stable under recommended storage conditions.

POLYMERIZATION:

Hazardous polymerization does not occur.

INCOMPATIBLE MATERIALS:

Not yet determined

CONDITIONS TO AVOID:

None known.

POSSIBILITY OF HAZARDOUS REACTIONS:

Under normal conditions of storage and use, hazardous reactions will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Not yet known.

11. Toxicological Information

EYES: Causes eye irritation.

SKIN: Causes skin irritation.

SENSITIZATION:

No data available.

NEUROTOXICITY:

No data available.

GENETIC EFFECTS:

No data available.

REPRODUCTIVE EFFECTS:

No data available.

TERATOGENIC EFFECTS:

No data available

MUTAGENICITY:

No data available.

12. Ecological Information**ENVIRONMENTAL DATA:**

This material has not been tested for acute environmental effects.

BIOACCUMULATION/ACCUMULATION:

Not yet determined.

DISTRIBUTION:

Not yet determined.

CHEMICAL FATE INFORMATION:

Not yet determined.

13. Disposal Consideration

This material, as supplied, is not a hazardous waste according to federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

14. Transportation Information**DOT (DEPARTMENT OF TRANSPORTATION)**

Not regulated for domestic ground transportation

15. Regulatory Information**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

FIRE: No PRESSURE GENERATING: No REACTIVITY: No ACUTE: Yes CHRONIC: No

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Ammonium hydroxide	< 5	1336-21-6

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Ammonium hydroxide	< 5	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Ammonium hydroxide	1336-21-6

16. Other Information

N/A = Not Applicable; N/D = Not Determined

NFPA	Health Hazards: 2	Flammability: 0	Instability: 0	Physical & Chemical Properties:
HMIS	Health Hazards: 2	Flammability: 0	Physical hazards: 0	Personal protection: C

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.