

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT: TUM-510.01/TUM-510.05/TUM-510.10
SHINEBRITE™ BURNISHING COMPOUND**

Effective date: April 8, 2014

COMPANY: EURO TOOL, Inc.
CHEMTEL EMERGENCY #: US/Canada toll free: **1-800-255-3924**
All other locales: **+1 813-248-0585**
Collect calls are accepted.

PRODUCT APPLICATION: Product is diluted 2-4 % with water, and used as a cleaner and burnisher in a barrel, vibratory, or centrifugal machine with steel media. This product can also be used with other types of media, or as a dip for mild descaling, or in ultrasonic equipment.

SECTION 2: HAZARDOUS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Prolonged exposure may cause redness, pain and eye damage.

SKIN CONTACT: Prolonged exposure may cause redness, skin irritation.

INHALATION: Product is non-volatile as packaged. Heating product may irritate mucous membrane or respiratory tract.

INGESTION: If swallowed, product can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CHRONIC EFFECTS: No known chronic effects. Product is not considered a sensitizer.

SECTION 3: COMPOSITION INFORMATION

<u>COMPONENT</u>	<u>CAS #</u>	<u>% COMPOSITION</u>	<u>OSHA HAZARD</u>
Citric Acid	77-92-9	less than 8%	No

NOTE: Product is water-based. Product is a mixture of cleaning agents, surfactants, softeners and inhibitors in an aqueous solution.

SECTION 4: FIRST AID MEASURES

EYE CONTACT: In case of eye contact, immediately rinse eye with copious amount of water. Remove contact lenses and continue rinsing for at least 15 minutes. Consult a physician.

SKIN CONTACT: Wash skin thoroughly with water. Remove contaminated clothing and shoes and wash thoroughly before reuse. If irritation persists, consult a physician.

INHALATION: If exposed to vapors, remove to fresh air and consult a physician.

NOTE: Product does not cause vapors under normal use.

INGESTION: *Do not induce vomiting! If unconscious, contact emergency personnel!* If conscious, drink plenty of water and consult a physician.

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABILITY: Not Flammable

FLASH POINT: Not Applicable. Method used: TOC

EXPLOSIVE LIMITS IN AIR: Not Applicable

SPECIAL FIRE FIGHTING PROCEDURES: Not applicable. Product not flammable. Use appropriate extinguishing media for cause of fire.

COMBUSTION PRODUCTS: Oxides of carbon and nitrogen.

SECTION 6: SPILL PREVENTION AND REMEDIATION

IN CASE PRODUCT IS SPILLED OR RELEASED: Absorb on sand or clay, and dispose of as solid waste. Remainder can be flushed to drain with large amounts of water.

WASTE DISPOSAL: Product contains biodegradable surfactants. Dispose of in accordance with all Federal, State, and Local regulations.

SECTION 7: HANDLING AND STORAGE

HANDLING: Avoid contact with eyes, skin or clothing. Avoid breathing vapors or mist. Use with adequate ventilation. May be harmful if swallowed. Do not eat, drink, or smoke in work area. Wash hands thoroughly after use.

STORAGE: Store in cool well ventilated area. Avoid excessive heat or cold. Keep container closed. Store in original container away from food or drinks. Exercise caution in recycling or disposing of used container. Check for residual product.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Avoid prolonged breathing of mist or vapors. Use adequate ventilation to prevent symptoms of overexposure.

RESPIRATORY PROTECTION: Not required. If ventilation is inadequate, use NIOSH approved respirators.

EYE PROTECTION: Use safety glasses. If used in a spray application, wear full face shield.

SKIN PROTECTION: Use appropriate cuffed vinyl or rubber gloves.

EXPOSURE LIMITS: None established.

SECTION 9: PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT: 200F approx.

SPECIFIC GRAVITY: 1.15

FREEZING/SEPARATION POINT: 30F/40F

pH at 2% 5.0 + - .5

SOLUBILITY IN WATER: Complete

pH at 100% 5.0 + - .5

VAPOR PRESSURE: Not applicable

VOC (wt %) < .1

% VOLATILE: 60% approx.

APPEARANCE AND ODOR: Blue non-viscous liquid, mild odor.

SECTION 10: PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY: Stable under normal conditions

INCOMPATIBILITY (MATERIALS TO AVOID): Strong alkalis and oxidants

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Temperatures above 120F and below 40F

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT NOT CONSIDERED TOXIC!

ORAL TOXICITY: Unknown

SKIN TOXICITY: Unknown

INHALATION TOXICITY: Unknown

SECTION 12: ECOLOGICAL INFORMATION

AQUATIC TOXICITY: Product will adversely affect aquatic organisms. Do not release to surface waters.

BIODEGRADABILITY: Product is biodegradable.

SECTION 13: DISPOSAL INFORMATION

Product is non-hazardous. Dispose of in accordance with Federal, State, and Local regulations. Thoroughly clean empty containers to avoid residues. Typical methods include evaporation and incineration.

SECTION 14: TRANSPORTATION INFORMATION

SHIPPING CLASSIFICATIONS

DOT: Not Regulated

IATA: Not Regulated

SECTION 15: REGULATORY INFORMATION

TSCA INVENTORY STATUS: All components of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

REACH STATUS: Product is reach compliant.

SECTION 16: OTHER INFORMATION

H.M.I.S. RATINGS

Health: 1

Flammability: 0

Reactivity: 0

DISCLAIMER

The information herein is correct to the best of our knowledge to date. The information is intended as a guide for safe handling, use, processing, storage, transportation, disposal, and release of this product, and is not considered to be a warranty or specification. No representation or warranty expressed or implied is made for this product's acceptability or suitability for a particular use. The end user is solely responsible for insuring the suitability of this product for their use.

DOCUMENT DATE:

April 8, 2014