

SAFETY DATA SHEET SDS: SILVER MEDAL™**Section 1—Identification****Product Identifier:** SILVER MEDAL™**Product Use:** High Alkaline Aluminum Brightener, Truck Wash, Degreaser, Building Wash, Detergent**Manufacturer's Name:** Equipment Trade Service Co. Inc.**Address:** 20 East Winona Avenue Norwood, PA 19074 USA**24 Hour Emergency Telephone:** ChemTel 800-255-3924**General Telephone:** 1-610-583-7657 8 AM— 4 PM EST. M—F**Website:** www.etscompany.com**Section 3—Composition / Information on Ingredients**

Component	CAS#	% By Weight
Potassium Hydroxide	1310-58-3	5—10
2—Butoxyethanol	111-76-2	1—5

In compliance with OSHA HCS and UN GHS, Trade Secret / Confidential business information has been omitted.

Section 5—Fire Fighting Measures**Suitable Extinguishing Media:** CO2, Dry Chemical, Foam, Water Spray**Unsuitable Extinguishing Media:** None Known**Unusual Fire & Explosion Hazards:** May produce toxic fumes of carbon monoxide if burning. Empty containers may contain residue. Do not pressurize, cut, heat, or expose containers to flame.**Special Protection & Procedures:** Cool fire-exposed containers. Do not enter confined fire space without proper protective equipment including NIOSH approved self-contained breathing apparatus.**Section 7—Handling and Storage**

Precautions & Conditions for Safe Handling: Do not get in eyes, on skin or on clothing. Keep container closed when not in use. Do not mix with other chemicals. Avoid breathing mist. No eating, drinking or smoking. Wash hands after use. Store between 33 to 100 Deg. F. Do not store near open flame or heat. Do not store near incompatible materials. Do not take internally. Transfer material only to approved, properly labeled containers. KEEP OUT OF REACH OF CHILDREN.

Incompatible Materials: Strong acids, alkalis and oxidizers.**Section 2—Hazard's Identification****Classifications:** Skin Corrosion Category 1C, Eye Damage Category 1, Acute Toxicity—Oral Category 4**Symbols:** Corrosion**Signal Word:** Danger**Hazard Statement:** Causes sever skin burns and eye damage. Harmful if swallowed.**Precautionary Statements:**

Prevention: Wash hands and skin thoroughly after handling. Wear eye and face protection. Wear Protective liquid proof gloves and clothing. Do not eat, drink or smoke when using this product. Do not breathe the mist or spray. Keep only in original plastic container.

Response: If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor. Specific treatment: See Section 4, First Aid. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage: Store locked up.**Disposal:** Dispose of contents / container in accordance with local, state, federal and international regulations.**Environmental:** Biodegradable**NFPA Rating:**

0=Safe, 4=Danger; Health (Blue) 2 Flame (Red) 0 React (Yellow) 0 Special (White) Alk

Section 4—First Aid Measures**Inhalation:** Unusual Exposure to mist will irritate respiratory system. Move Person to fresh air and keep comfortable.**Eyes:** Contact will cause burns. Continually flush with water. Remove contact lenses if present and easy to do and seek medical attention.**Skin:** Contact will cause skin irritation or burning. Remove contaminated clothing, flush skin with water for 15 minutes. Wash contaminated clothing before reuse.

Ingestion: Swallowing will cause burning to mouth, throat and digestive system. Corrosive if swallowed, wash mouth, seek immediate medical attention. Call poison Control. If conscious, give 8—20 fluid ounces of water. Do not induce vomiting unless directed to do so by medical personnel.

Always seek medical attention if complications develop.**Section 6—Accidental Release Measures**

Personal Precautions: Keep unnecessary people away; isolate area and deny entry. Stay upwind. Do not eat, drink or smoke while cleaning up. (Also see section 8).

Protective Equipment: **EYES:** Chemical Safety goggles and or face shield **SKIN:** Gloves, Nitrile or PVC, waterproof boots, waterproof clothing. Keep personal water rinse near by **RESPIRATORY:** Chemical mist respirator in poorly ventilated areas.

Emergency Procedures: Use appropriate safety equipment. Eliminate sources of ignition. Collect and contain all spill with absorbent material for disposal. Cover drains. Contain large spills and pump into suitable tank for disposal.

Waste Disposal methods: Obey all local, state and federal regulations.**Section 8— Exposure Controls/ Personal Protection**

Exposure Limits	OSHA PEL	ACGIH TLV	Other
Potassium Hydroxide	Not Available	2.0mg/m3	Not Known
2—Butoxyethanol	Not Available	2.0mg/m3	Not Known

Ventilation: Local & mechanical recommended

Personal protective equipment (PPE): **EYES:** Chemical Safety goggles and or face shield **SKIN:** Gloves, Nitrile or PVC, waterproof boots, waterproof clothing. Keep personal water rinse near by **RESPIRATORY:** Chemical mist respirator in poorly ventilated areas.

Section 9—Physical and Chemical Properties

Appearance / Color: Liquid / Clear to Amber
Odor: Detergent Like
pH: 13.5
Melting Point: Does Not Apply
Freezing Point: Near 32 Degrees F.
Boiling Point: < 200 Degrees F.
Flash Point: Not Applicable
Evaporation Rate: Not Available
Lower Flammable Limit: Not Available
Upper Flammable Limit: Not Available
Vapor Pressure: Not Available
Vapor Density: Not Available
Relative Density / Specific Gravity: 1.123 gm/ml
Solubility(ies): Complete in water
Partition Coefficient: n-octanol/water: Not Available
Auto-ignition Temperature: Not Available
Decomposition Temperature: Not Available
Viscosity: Thin Liquid

Section 10—Stability and Reactivity

Reactivity: Not available / none known
Chemical Stability: No decomposition, if handled and stored according to specifications.
Possibility of hazardous reactions: Avoid incompatible materials.
Conditions to avoid: Heat, sparks, flame.
Materials to avoid: Strong acids, alkalis and oxidizers, Aluminum and other alloys.
Hazardous decomposition products: May produce toxic fumes of carbon monoxide if burning. Empty containers may contain residue. Do not pressurize, cut, heat, or expose containers to flame.

Section 11—Toxicological Information**Signs and symptoms of overexposure:****Acute Effects:**

Inhalation: Exposure to mist will irritate or burn respiratory system.
Eyes: Contact will cause burns.
Skin: Contact will cause skin irritation or burning.
Ingestion: Swallowing will cause burning to mouth, throat and digestive system.
Target Organ Effects: None are known
Chronic Effects: None are known
Carcinogenicity: None are known
Germ Cell Mutagenicity: None are known
Reproductive Toxicity: None are known

Medical Conditions Aggravated by Exposure: Respiratory

Section 12—Ecological Information

Persistence and degradability: All components contained in the product are classified as "readily biodegradable". This product is expected to be inherently biodegradable.
Bio-accumulative potential: There is no evidence to suggest bioaccumulation will occur.

Section 13—Disposal Considerations

Obey all local, state, federal and international regulations.

Section 14—Transportation Information**U.S. Department of Transportation (DOT)**

UN/NA Number: UN1760
Proper Shipping Name: UN1760, Corrosive Liquid, N.O.S.,(Potassium Hydroxide), 8, PGII
Hazard Class: 8 (Corrosive)
Packing Group: II
Labels Required: Corrosive

U.S. / Canada Emergency Response Guide #: 154**International Maritime Organizations (IMDG)**

UN/NA Number: UN1760
Proper Shipping Name: UN1760, Corrosive Liquid, N.O.S.,(Potassium Hydroxide), 8, PGII
Hazard Class: 8 (Corrosive)
Packing Group: II
Labels Required: Corrosive

Section 15—Regulatory Information

[WHMIS Classification]:

[OSHA]:

[SERA]:

[TSCA]:

Section 16— Other Information

Date SDS Prepared: May 1st 2015 **Revised:**

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Prepared in accordance with the OSHA Hazard Communication Standard (HCS) to conform with the United Nations (UN) Globally Harmonized System of Classification and Labeling of Chemical (GHS)