

**MATERIAL SAFETY DATA SHEET**  
(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable

**SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION**

|  |   |
|--|---|
| <b>Product Name:</b> ALKA BRITE OS                                 | <b>Emergency Phone #:</b> 1-800-424-9300                            |
| <b>Supplier's Name:</b> Maintenance Equipment & Chemicals          | <b>Reference code:</b> MTEQ   |
| <b>Supplier's Address:</b> 1379 Shoemaker St., Nanty Glo, PA 15943 | <b>Product #:</b> 007   |
| <b>Phone:</b> (814) 749-9015                                       | <b>D.O.T. Shipping Name:</b> Corrosive Liquid NOS(Sodium Hydroxide) |
| <b>Chemical Name:</b> Alkaline detergent blend                     | <b>Hazard Class:</b> 8 <b>D.O.T. ID#:</b> UN1760 <b>PG:</b> III     |
| <b>Chemical Family:</b> Cleaner @ aluminum brightener              |   |

**SECTION 2-HAZARDOUS INGREDIENTS**

| CHEMICAL NAME                | CAS NO.   | %CONCENTRATE RANGE | HAZARD RATINGS (TLV/PEL) |
|------------------------------|-----------|--------------------|--------------------------|
| Sodium Hydroxide (mist only) | 1310-73-2 | >10                | 2 mg/cu. meter           |

**SECTION 3-PHYSICAL DATA**

**Boiling Point (F):** 212  
**Vapor Pressure:** 25 mm  
**Vapor Density:** NA  
**Solubility In Water:** 100%  
**Appearance / Odor:** Straw colored liquid, mild detergent odor  
**Specific Gravity:** 1.170  
**% Volatile:** <55%  
**Evaporation Rate:** (water = 1) 1  
**Other:**

**SECTION 4-FIRE AND EXPLOSION DATA**

**Flash Point (F) / Method:** None, TCC  
**Flammable Limits:** NA  
**Extinguishing Media:** None required  
**Special Fire Fighting Procedures:** Spray containers that are exposed to fire with water to prevent rupture.  
**Unusual Fire &Explosion Hazards:** Wear protective clothing and rubber footwear if exposed to product from ruptured drums or spills during fires.

**SECTION 5-HEALTH HAZARD DATA**

**Routes of entry:** Inhalation, skin and ingestion  
**Threshold Limit Value:** From mist only-TEL 2 mg/cu. meter on 10% of conc.  
**Effects of Overexposure:** None from vapor or mist when applied as directed. Ingestion causes severe burns of the mouth and throat. Eye and skin contact with the concentrate causes severe eye and skin irritation.  
**Emergency & First Aid Procedures:** Flush eyes with water for 15 min., if irritation persists see a physician. Wash from skin immediately with water. Remove all clothing contaminated by the concentrate and wash and dry before reuse. If concentrate is taken internally, immediately drink lots of water, do not induce vomiting and see a physician immediately.

**SECTION 6-REACTIVITY DATA**

**Stability:** Stable  
**Conditions to Avoid:**  
**Incompatibility:** Strong Acids  
**Hazardous Decomposition Products:** None  
**Hazardous Polymerization:** Will not occur

**SECTION 7-SPILL OR LEAK PROCEDURES**

**Steps to be taken if material is released or spilled:** Wear rubber footwear and protective clothing for protection during spills. Contain spill then pick up excess with a mop or wet-vac. Wash residue to sewer with lots of water. Biodegradable and residues are nontoxic after neutralization or dilution with lots of water before sewerage.  
**Waste disposal method:** Neutralize with weak acids and wash neutralized residue to sewer with lots of water. Wash small quantities to sewer with lots of water. Spent cleaner solutions containing toxic soil residues must be disposed of in a manner following local, state and federal regulations.

**SECTION 8-SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** Not required when used as directed.  
**Ventilation:** Yes  
**Protective Gloves:** Yes when handling concentrate  
**Eye Protection:** Glasses or goggles  
**Other Protective Equipment:** Water source to wash from eyes and clothing

**SECTION 9-SPECIAL PRECAUTIONS**

**Precautions to be taken in handling and storage:** Store at 40 to 100 F in closed containers.  
**Other Precautions:** Keep out of the reach of children.

Date Prepared: 5-14-09

By: PM