MATERIAL SAFETY DATA SHEET

I - PRODUCT IDENTIFICATION

COMPANY NAME: Nu-Calgon Wholesaler, Inc.
ADDRESS: 2451 Schuetz Road
           Maryland Heights, MO 63043
Tel No: (314) 994-1010
           (800)554-5499
CHEMTREC: (800)424-9300

PRODUCT NAME: Alka-Brite
Product No.: 4120
Synonyms: Coil Brightener and Cleaner

II - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>MATERIAL: Sodium Hydroxide (1310-73-2) (140mg/kg)</th>
<th>% By Wt.</th>
<th>TLV</th>
<th>PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>(CAS#)  (ORAL LD50)</td>
<td>&lt;10</td>
<td>2mg/m3 (ceiling)</td>
<td>2mg/m3 (ceiling)</td>
</tr>
</tbody>
</table>

III- PHYSICAL DATA

Vapor Pressure, mm Hg: Like Water
Evaporation Rate (ether=1): N/AV
Solubility in H2O: Complete
Freezing Point F: N/AV
Boiling Point F: >212F
Specific Gravity H2O=1 @25C: 1.12
Vapor Density (Air=1) 60-90F: Like H2O
% Volatile by wt: N/A
pH @ undiluted Solution: >13
pH as Distributed: N/A
Appearance: Pink liquid
Odor: Slight odor

IV - FIRE AND EXPLOSION

Flash Point F: Not flammable
Flammable Limits: N/A

Extinguishing Media: Product is not flammable.
Special Fire Fighting Procedures: None.
Unusual Fire and Explosion Hazards: None.

V - REACTIVITY DATA

Stability: Conditions to avoid: None known.

Incompatibility: Acids and strong oxidizers.

Hazardous Decomposition Products: Unknown.

Conditions Contributing to Hazardous Polymerization: None known.

(Cont'd on Page 2)
EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects),
A. ACUTE (Primary Route of Exposure) CORROSIVE TO ALL BODY TISSUE.
EYES and SKIN: Causes severe and painful injury. INHALATION: Mists will
cause irritation and may damage respiratory tract. INGESTION: Harmful
if swallowed. Will upset stomach; may cause nausea, headaches and
dizziness.
B. SUBCHRONIC, CHRONIC, OTHER: No available information was found.

VII - EMERGENCY AND FIRST AID PROCEDURES
EYES and SKIN: In case of contact, immediately flush eyes and skin with
plenty of water for at least 15 minutes while removing contaminated
clothing and shoes. Call a physician. Wash clothing before reuse.
Thoroughly clean shoes before reuse. INHALATION: Remove from exposure
of mists. Get medical attention. INGESTION: If swallowed, DO NOT induce
vomiting. Give large quantities of water. Call a physician immediately.
Never give anything by mouth to an unconscious person.

VIII - SPILL OR LEAK PROCEDURES
Spill Management: Dike area to contain as much spilled material as
possible. Remove any remaining material by absorbing on vermiculite or
other suitable absorbing material and place in a sealed container.

Waste Disposal Methods: Neutralize with 6M-HCL. Flush with plenty of
water and dispose of in accordance with local, state and federal
regulations.

IX - PROTECTION INFORMATION/CONTROL MEASURES
Respiratory: NIOSH-approved respirator is recommended if the OSHA air limit for
Sodium Hydroxide is exceeded. Eye: Eye goggles or full face
Glove: Rubber shield.

Other Clothing and Equipment: Protective clothing.

Ventilation: Local and mechanical exhaust.

X - SPECIAL PRECAUTIONS
Precautions to be taken in Handling and Storing: Do not get in eyes, on
skin or clothing. Avoid breathing mists. Keep container closed. Wash
thoroughly after handling.

Additional Information: Use only in well ventilated areas that will
maintain air levels below limits established by federal, state and
local regulations.

Prepared by: D. Godward          Revision Date: 04/11/91

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