



MATERIAL SAFETY DATA SHEET

I - PRODUCT IDENTIFICATION

COMPANY NAME: Nu-Calgon Wholesaler, Inc.		Tel No: (314)994-1010
ADDRESS: 2451 Schuetz Road	Maryland Heights, MO 63043	(800)554-5499
PRODUCT NAME: Nu-Brite		CHEMTREC: (800)424-9300
Synonyms: High Alkali Coil Cleaner		Product No.: 4291

II - HAZARDOUS INGREDIENTS OF MIXTURES

MATERIAL: (CAS#)	(ORAL LD50 rat)	% By Wt.	TLV	PEL
Sodium Hydroxide (Caustic Soda)	(1310-73-2)	> 20	2mg/M3 Ceiling	

III - PHYSICAL DATA

Vapor Pressure, mm Hg: Not Determined	Vapor Density (Air=1) 60-90F: Unknown
Evaporation Rate: Same as H ₂ O	% Volatile by wt N/A
Solubility in H ₂ O: Complete	pH @ 25% Solution 13.2
Freezing Point F: N/A	pH as Distributed: 14.0
Boiling Point F: 212°F	Appearance: Clear, Colored Liquid
Specific Grav H ₂ O=1 @25C: 1.252±0.005	Odor: No Distinct Odor

IV - FIRE AND EXPLOSION

Flash Point F: None To Boiling	Flammable Limits: N/A
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Extinguishing Media: Water Spray (Fog); Dry Chemical; CO₂; Foam

Special Fire Fighting Procedures: Do not enter confined fire-spaces without protective clothing and self-contained air supply.

Unusual Fire and Explosion Hazards: None

V - REACTIVITY DATA

Stability - Conditions to avoid: Stable

Incompatibility: Strong acids/oxidizers. Do not mix with chlorinated detergents (bleach)

Hazardous Decomposition Products: Burning may produce carbon monoxide and/or carbon dioxide.

Conditions Contributing to Hazardous Polymerization:

(Cont'd on Page 2)

Nu-Brite

VI - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects),

- A. ACUTE (Primary Sources of Exposure) EYE, SKIN, ORAL: Corrosive material. Will cause burns of skin and eyes with prolonged contact. Eye damage likely if contact is prolonged. Generated mists may be seriously irritating and cause damage to respiratory tract if swallowed. Harmful or fatal if swallowed. May cause severe burns of mucous membranes, stomach, nausea, vomiting-possible internal damage.
- B. SUBCHRONIC, CHRONIC, OTHER: Chronic local effect may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis.

VII - EMERGENCY AND FIRST AID PROCEDURES

- EYES & SKIN: Flush eyes with water for at least 15 minutes and call a physician immediately. Skin: Wash affected area with large amounts of soap and water. If irritation persists call physician.
- INGESTION: Do not induce vomiting. Dilute by drinking water. Call a physician immediately.
- INHALATION: Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.

VIII - SPILL OR LEAK PROCEDURES

Spill Management: Safely stop spill at source. Contain spill by diking with soil or other inert material and CAREFULLY neutralize with dilute acid. Mop, pump or absorb with inert material and reclaim into sound containers for proper disposal.

Waste Disposal Methods: Dispose of in an approved waste facility according to Federal, State and local regulations. Keep non-neutralized material out of sewers, storm drains, surface waters and soil.

IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: NIOSH approved respirator where mists or sprays may be generated. (Caustic mist cartridge type)	Eye: Chemical Goggles, Face Shield	Glove: Rubber
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Other Clothing and Equipment: Protective clothing to minimize contact (boots, apron, faceshield)

Ventilation: Mechanical

X - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing: Corrosive Material. Handle All Containers Carefully. Wash thoroughly after handling. Keep containers closed when not in use. Avoid contact with leather or wool.

Additional Information: None

Prepared by: Nu-Calgon Wholesaler, Inc.

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