



MATERIAL SAFETY DATA SHEET

Nu-Brite

I - PRODUCT IDENTIFICATION

Company Name: Nu-Calgon Wholesaler, Inc.
Address: 2008 Altom Court, St. Louis, MO 63146-4151
Product Name: Nu-Brite
Synonyms: Alkaline Coil Cleaner

Tel No: (314) 469-7000, (800) 554-5499
CHEMTREC: (800) 424-9300
Product Number: 4291

II - HAZARDOUS INGREDIENTS OF MIXTURES

<u>MATERIAL</u>	<u>CAS#</u>	<u>% By Wt</u>	<u>TLV</u>	<u>PEL</u>
Sodium Hydroxide (Caustic Soda)	1310-73-2	>20	2mg/M3 Ceiling	

All ingredients are TSCA listed.

III - PHYSICAL DATA

Vapor Pressure: mm Hg: Not Determined
Evaporation Rate: (ether=1) Same as H₂O
Solubility in H₂O: Complete
Freezing Point °F: N/A
Boiling Point °F: 212°F
Specific Gravity H₂O=1 @25° C: 1.252 +/- 0.005

Vapor Density (Air=1) 60-90° F: Unknown
VOC Content (% by wt.): 0%
pH @ 10% Solution: 13.2
pH as Distributed: 14.0
Appearance: Clear, Colored Liquid
Odor: No Distict Odor

IV - FIRE AND EXPLOSION

Flash Point F: None to Boiling
Flammable Limits: N/A
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 Polymerizations: N/A

VI - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects),
A. ACUTE (Primary Route 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.
C. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

VII - EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.
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.

VIII - SPILL OR LEAK PROCEDURE

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 water and soil.

IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: NIOSH approved respirator where mists or sprays may be generated. (Caustic mist cartridge type)

Eye Protection: Chemical goggles, face shield **Glove:** Rubber Gloves

Other Clothing and Equipment: Protective clothing to minimize contact (boots, apron, faceshield)

Ventilation: Product is intended for outdoor use.

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

NFPA

Health Hazard.....: 3

Fire Hazard.....: 0

Reactivity.....: 0

Specific Hazard...:

HMIS RATING

Health Hazard.....: 3

Fire Hazard.....: 0

Reactivity.....: 0

Personal Protection...: X (Sec. 9)

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