MATERIAL SAFETY DATA SHEET

Curtis/GlenChem Corp.

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Product: **MEBEC 408**

MSDS No.: F2408 - Rev 4.1 Date: 11/01
Replaces - Rev 4.0 11/95
Reason: Format Change

-- SECTION 01 - IDENTIFICATION AND INFORMATION --

Product or Trade Name: ..... MEBEC 408
Chemical Name/Synonym: ..... PROPRIETARY BLEND
Chemical Family: ..... ALKALINE COMPOUND - POWDER
Formula: ..... PROPRIETARY
Product Code: F2408

HMIS
Hazard Rating:
Health: 2
Fire: 0
Reactivity: 0

Legend:
0 - Least
1 - Slight
2 - Moderate
3 - High
4 - Extreme

Product Description: ALKALINE POWDERED CLEANING COMPOUND

-- SECTION 02 - PHYSICAL DATA --

Boiling Point: ..... N/A (Powder)
Vapor Pressure: ..... N/A (Non-solvent)
Vapor Density: ..... N/A (Non-Solvent)
Appearance: ..... White powder
pH: ..... 11.9 ± 0.4 @ 2 oz/gal

Solubility in Water: ..... 20 oz/gal @ 70°F
Specific Gravity: ..... N/A (Solid)
% Volatile by Volume: ..... Nil
Odor: ..... Sweet

-- SECTION 03 - HAZARDOUS COMPONENTS --

CHEMICAL NAME	CAS #	% Range	OSHA PEL	ACGIH TLV
*Sodium metasilicate	6834-95-0	50-60	Not Listed	Not Listed
Inert and/or currently non-hazardous components	--------	40-50	----------	----------

Note: Material may contain trace amounts of ethylene oxide (75-21-8) in quantities less than 0.0001%.

*Component exposure limits not established. Assume exposure evaluation of 2 mg/m^3 as Ceiling limit; can be a severe skin irritant.

-- SECTION 04 - FIRE AND EXPLOSION HAZARD DATA --

Flash Point: ..... N/A (will not support combustion).
Extinguishing Media: ..... Small Fire: CO^2, water fog, dry chemical; Large Fire: Alcohol-type or all-purpose-type foam.
Special Fire Fighting Procedures: ..... Use self-contained breathing apparatus; water may be used to cool adjacent containers.

-- SECTION 05 - REACTIVITY DATA --

Stability: ..... Stable.
Incompatibility: ..... Strong oxidizers and reducing agents.
Hazardous Decomposition Products: ..... Carbon monoxide may form upon thermal degradation.
Hazardous Polymerization: ..... Will not occur.

- Continued on following page -

-- SECTION 06 - SPILL, LEAK, AND DISPOSAL PROCEDURES --

Small Spills: Absorb with sand or inert material; scoop up and dispose to proper container.
Large Spills: Prevent spread of spill by dyking. Salvage uncontaminated material if possible. Absorb remainder of spill with inert material; scoop up and dispose to proper container.

ALWAYS DISPOSE OF MATERIAL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES FOR THAT TYPE OF MATERIAL.

-- SECTION 07 - HEALTH HAZARD DATA --

EYE CONTACT: ..... May cause irritation. Severe irritation or chemical burn may occur if not irrigated immediately.
SKIN CONTACT: ..... Prolonged contact may cause dryness and dry skin irritation.
INHALATION: ..... Breathing of airborne dust or mist may cause burns of respiratory tract.
INGESTION: ..... May cause burns in digestive tract.
EFFECTS OF OVEREXPOSURE: ..... None currently known.

-- SECTION 08 - FIRST AID --

EYES: ..... Flush with water for a minimum of 15 minutes (industry safety standard for all materials) while separating eyelids with fingers. Seek medical attention if irritation persists.
SKIN: ..... Flush with water; wash with soap and water after handling.
INHALATION: ..... Remove to fresh air.
INGESTION: ..... DO NOT INDUCE VOMITING - Seek medical attention. Never give anything by mouth to an unconscious person

-- SECTION 09 - SPECIAL HANDLING INFORMATION --

VENTILATION: ..... None normally required; product normally does not produce vapors or mist.
RESPIRATORY PROTECTION: ..... None normally required; NIOSH approved respirator for mist conditions.
PROTECTIVE CLOTHING: ..... Chemical resistant gloves when mixing or handling.
EYE PROTECTION: ..... Tight fitting or chemical workers goggles when preparing solutions or if splashing is anticipated.

-- SECTION 10 - SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION --

HANDLING AND STORAGE: Do not breathe dust or solution mists. Do not allow contact with eyes, or leave in contact with skin for prolonged periods. Wash contaminated clothing prior to re-use.

D.O.T.: Shipping Information: Shipping Name: Alkaline Cleaning Powder, Unregulated
Hazard Class: None
UN/NA Number: None

TSCA - The ingredients in this material are listed on the TSCA Inventory.

SARA Title III Information (for sodium metasilicate as a component of this material): A) Sections 311/312 - Acute; B) Section 313 - Not Listed; C) Section 302 - Not Listed as an Extremely Hazardous Substance.
CERCLA Information (for the metasilicate component): Not Listed in Table 302.4 of 40 CFR Part 302 as a hazardous substance with NRC RQs of 1000 lbs. However, RQ is 100 lbs as D002 waste (Corrosive).

Abbreviations Used in this Material Safety Data Sheet: < = Less Than; > = Greater Than; N/A = Not Applicable; N/E = Not Established; N/L = Not Listed; N/D = Not Determined; TWA = Time Weighted Average; STEL = Short Term Exposure Limit; PEL = Permissible Exposure Limit; NIOSH = National Institute of Occupational Safety & Health; OSHA = Occupational Safety & Health Administration; ACGIH = American Conference of Government and Industrial Hygienists; NTP = National Toxicology Program; IARC = International Agency for the Registration of Carcinogens; TSCA = Toxic Substance Control Act; SARA = Superfund Amendment Reauthorization Act; RQs = Reportable Quantities; CERCLA = Comprehensive Environmental Response Compensation and Liability Act; NRC = National Response Center; RCRA = Resource Recovery and Conservation Act.

The information herein is given in good faith, but no warranty, express or implied, is made.