

# MATERIAL SAFETY DATA SHEET

## Curtis/GlenChem Corp.

Eddystone Industrial Park  
2000 Industrial Highway  
Eddystone, PA 19022-1513

Product: **MEBEC 202**

Daytime Telephone: (610) 876-9906  
24 Hour Emergency: CHEMTREC® (800) 424-9300

MSDS No.: F2202 - Rev 4.1      Date: 08/96  
Replaces - Rev 4.0      04/95  
Reason: Section 4 Updated

### -- SECTION 01 - IDENTIFICATION AND INFORMATION --

Product or Trade Name: ..... MEBEC 202  
Chemical Name/Synonym: ..... PROPRIETARY BLEND  
Chemical Family: ..... LIQUID ALKALINE COMPOUND  
Formula: ..... PROPRIETARY  
Product Code: ..... F2202

HMIS  
Hazard Rating:                      Legend:  
Health: ..... 1                      0 - Least  
Fire: ..... 1                          1 - Slight  
Reactivity: ..... 0                   2 - Moderate  
   3 - High  
   4 - Extreme

Product Description: ALKALINE CLEANING COMPOUND

### -- SECTION 02 - PHYSICAL DATA --

Boiling Point: ..... >212°F.  
Vapor Pressure: ..... < 1 (mmHg)  
Vapor Density: ..... > 1 (air=1)  
Appearance: ..... Clear, straw colored liquid  
pH neat: ..... 12.3 ± 0.1

Solubility in Water: ..... Infinite  
Specific Gravity: ..... 1.024  
% Volatile by Volume: ..... Nil  
Odor: ..... Slight butyl  
pH for solutions ..... ~10.8 @ 7 oz/gal.

### -- SECTION 03 - HAZARDOUS COMPONENTS --

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Sodium metasilicate	6834-95-0	1-10	Not Listed	Not Listed
2-Butoxy ethanol	111-76-2	1-5	25 ppm	121 mg/m <sup>3</sup>
Ethanol, 2-(β-Butoxyethoxy) ethanol	112-34-5	1-5	Not Listed	Not Listed
Inert and/or non-hazardous components	-----	80-90	-----	-----

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

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

Flash Point: ..... 158° F (in aqueous solution – will not support combustion)  
Extinguishing Media: ..... Small Fire: CO<sup>2</sup>, 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

**-- 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 may occur if not irrigated immediately.  
SKIN CONTACT: ..... Prolonged contact may cause dryness and dry skin irritation.  
INHALATION: ..... Breathing of airborne mist may cause irritation or burns of respiratory tract.  
INGESTION: ..... May result in irritation of the digestive tract.  
EFFECTS OF OVEREXPOSURE: ..... None currently known.  
IARC/NTP: ..... Ingredients *Not Listed*.

**-- SECTION 08 - FIRST AID --**

EYES: ..... Flush with water for a minimum of 15 minutes (industry safety standard for all materials). 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 - Administer several glasses of water to drink. 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 vapors or mist. Do not allow contact with eyes, or leave in contact with skin for prolonged periods. Wash contaminated clothing prior to re-use. Do not allow contact with oxidizers. Keep containers tightly closed when not in use.

Empty Containers: Do not reuse empty containers for storage of foodstuffs or potable water. For returnable drums or drums set aside for reconditioner, empty drums as completely as possible and fit bungs tightly with undamaged closures. D.O.T. regulations impose stiff penalties for transportation of open containers, and drivers will refuse to transport them.

D.O.T.: Shipping Information: Shipping Name: Alkaline Cleaning Liquid, Unregulated

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

SARA Title III Information (for components of this material): A) Sections 311/312 - Not Listed; B) Section 313 - Not Listed; C) Section 302 - Not Listed as an Extremely Hazardous Substance.

OSHA Subpart Z - Listed 2-Butoxyethanol. IARC and NTP *do not* list 2-Butoxyethanol

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.

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