

# MATERIAL SAFETY DATA SHEET

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## Section 1. Chemical Product and Company Identification

|   |   |
|---|---|
| Product Code<br>BGP32-128"1   |   |
| Product Name<br>BGP GENERAL PURPOSE CLEANER                           |   |
| Manufacturer's Name<br>Mark V Laboratory, Inc.                        | Emergency Telephone Number<br>CHEMTREC 800-424-9300 |
| Address (Number, Street, City, State, and ZIP Code)<br>18 Kripes Road | Telephone Number For Information<br>(860) 653-7201  |
| Post Office Box 540   | Date Prepared<br>January 1, 2012                    |
| East Granby, Connecticut 06026  | Signature of Preparer (optional)                    |

## Section 2. Composition / Information on Ingredients

| Component           | CAS Registry # | wt. % | Exposure Limits |            |
|---------------------|----------------|-------|-----------------|------------|
|                     |                |       | ACGIH TLV       | OSHA PEL   |
| 2-Butoxyethanol     | 111-76-2       | <7.0  | 25ppm-skin      | 25ppm-skin |
| Sodium Metasilicate | 6834-92-0      | <7.0  | 15mg/m3         | 10mg/m3    |

## Section 3. Hazards Identification

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### EMERGENCY OVERVIEW

**DANGER:** Corrosive. May cause irritation of the skin and respiratory tract. May be absorbed through the skin.

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### POTENTIAL HEALTH EFFECTS:

**EYE CONTACT:** Causes severe irritation experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva.

**INHALATION:** High concentrations of vapor or mists may cause irritation of the respiratory tract

**SKIN CONTACT:** Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness, and swelling

**INGESTION:** May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea, and general weakness

**CHRONIC/LONG TERM EFFECTS:** 2-Butoxyethanol has caused red blood cell hemolysis in lab Animals and secondary injury to the liver and kidney

**OVEREXPOSURE:** Dermal exposure may cause local redness and swelling, pain and discomfort. Prolonged skin contact may result in absorption of harmful amounts.

**TARGET ORGAN EFFECTS:** Lungs and upper respiratory tract, eyes, skin, liver, kidney

**REPRODUCTIVE/DEVELOPMENTAL:** No data

**CARCINOGENIC:** Not listed by IARC, NTP, or OSHA



Product: General Purpose Cleaner

**Section 9. Physical and chemical Properties**

|                          |                          |                             |              |
|--------------------------|--------------------------|-----------------------------|--------------|
| <b>APPEARANCE:</b>       | Clear Red Liquid         | <b>PHYSICAL STATE:</b>      | Liquid       |
| <b>BOILING POINT:</b>    | 212 Deg F                | <b>SOLUBILITY in WATER:</b> | Complete     |
| <b>EVAPORATION RATE:</b> | (Butyl Acetate=1)<br>N/E | <b>SPECIFIC GRAVITY:</b>    | (H2O=1) 1.07 |
| <b>FREEZING POINT:</b>   |                          | <b>VAPOR DENSITY:</b>       | (Air=1) N/E  |
| <b>MELTING POINT:</b>    | N/A                      | <b>VAPOR PRESSURE:</b>      | (mmHg) N/E   |
| <b>MOLECULAR WEIGHT:</b> |                          | <b>VISCOSITY:</b>           |              |
| <b>ODOR:</b>             | Butyl odor               | <b>% VOLATILE:</b>          |              |
| <b>pH:</b>               | 12.0 (concentrate)       |                             |              |

**Section 10. Stability and Reactivity****CHEMICAL STABILITY:** Stable**INCOMPATIBILITY:** High temperature, Strong acids, alkalis, oxidizing agents**HAZARDOUS DECOMPOSITION PRODUCTS:** None**HAZARDOUS POLYMERIZATION:** Will not occur**Section 11. Toxicological Information**

2-Butoxyethanol: SKIN-Rabbit; 24 hr uncovered-minimal erythema in 2/5 no irritation 3/5

**Section 12. Ecological Information****ECOTOXICOLOGICAL INFORMATION:** 2-butoxyethanol: Toxicity to fish-fathead minnow;  
96h;LC50 Results: 1700 mg/l**Section 13. Disposal Considerations**

Dispose of waste according to local, state and federal regulations.

Product: General Purpose Cleaner

**Section 14. Transport Information (Not meant to be all inclusive)**

**D.O.T. SHIPPING NAME:** Corrosive Liquid  
**TECHNICAL SHIPPING NAME:** Corrosive Liquid, Basic, Inorganic, N.O.S.  
**D.O.T. HAZARD CLASS:** 8  
**U.N. / N.A. NUMBER:** UN3266  
**PRODUCT RQ (LBS):** N/A  
**D.O.T. LABEL:** CORROSIVE  
**D.O.T. PLACARD:** N/A  
**FREIGHT CLASS BULK:** N/A  
**FREIGHT CLASS PACKAGE:** N/A  
**PRODUCT LABEL:** BGP-32 - 128

**Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)****OSHA STATUS:** Yes**TSCA STATUS:** The intentional ingredients of product are listed**CERCLA REPORTABLE QUANTITY:** N/A**SARA TITLE III:****SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES:** YES**SECTION 311/312 HAZARDOUS CATEGORIES:** Acute / Chronic**SECTION 313 TOXIC CHEMICALS:** YES**RCRA STATUS:** Determined by user**CALIFORNIA PROPOSITION 65:** YES**Section 16. Other Information**

NOTE: The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility