# MATERIAL SAFETY DATA SHEET

**DIVISION:** HOME AND COMMERCIAL CARE DIVISION  
**TRADE NAME:** COMPUBLEND\textsuperscript{TM} II BASE Y  
**3M ID NUMBER/U.P.C.:** 61-5000-6963-0 00-48011-14712-3  
**ISSUED:** FEBRUARY 15, 1995  
**SUPERSEDES:** FEBRUARY 15, 1994  
**DOCUMENT:** 11-3762-9

### 1. INGREDIENT  

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>7732-18-5</td>
<td>60</td>
</tr>
<tr>
<td>SODIUM LAURYL SULFATE</td>
<td>151-21-3</td>
<td>15</td>
</tr>
<tr>
<td>SODIUM LAUROYL SARCOSINATE</td>
<td>137-16-6</td>
<td>10</td>
</tr>
<tr>
<td>2-BUTOXYETHANOL</td>
<td>111-76-2</td>
<td>7</td>
</tr>
</tbody>
</table>

**NOTE:** IN CASE OF EMERGENCY: THE NUMBER AT THE TOP OF THIS PAGE PROVIDES 24 HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT.

**THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL OR CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND 40 CFR PART 372:  
2-BUTOXYETHANOL**

### 2. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>212 F</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>N/D</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>N/D</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>N/D</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Complete</td>
</tr>
<tr>
<td>Sp. Gravity</td>
<td>ca. 0.9 Water = 1</td>
</tr>
<tr>
<td>Percent Volatile</td>
<td>ca. 65 %</td>
</tr>
<tr>
<td>Volatile Organics</td>
<td>ca. 95 gms/liter SCAQMD Rule 443.1, calculated</td>
</tr>
<tr>
<td>VOC Less H2O &amp; Exempt Solvent</td>
<td>ca. 95 gms/liter SCAQMD Rule 443.1, calculated</td>
</tr>
<tr>
<td>pH</td>
<td>8.3-9.3</td>
</tr>
<tr>
<td>Viscosity</td>
<td>&lt; 100 CPS</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Liquid, clear; light greenish-yellow color; floral aroma</td>
</tr>
</tbody>
</table>

### 3. FIRE AND EXPLOSION HAZARD DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Flammable Limits - LEL</td>
<td>N/A</td>
</tr>
<tr>
<td>Flammable Limits -UEL</td>
<td>N/A</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>N/D</td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>Water, Carbon dioxide, Dry chemical, Foam</td>
</tr>
<tr>
<td>SPECIAL FIRE FIGHTING PROCEDURES</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
No unusual fire or explosion hazards are anticipated.

**Abbreviations:** N/D - Not Determined  N/A - Not Applicable
MATERIAL SAFETY DATA SHEET

MSDS: COMPU_BLEND(tm) II BASE Y
FEBRUARY 15, 1995

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3. FIRE AND EXPLOSION HAZARD DATA (continued)

NFPA-HAZARD-CODES: HEALTH II FIRE O REACTIVITY O
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
   Not applicable.
HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
   Carbon Monoxide and Carbon Dioxide.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
   Refer to other sections of this MSDS for information regarding
   physical and health hazards, respiratory protection, ventilation, and
   personal protective equipment. In the U.S.A., call (612) 733-1110 or
   (612) 733-6100 for 24-hour spill assistance. Collect spilled
   material. Clean up residue with water.

RECOMMENDED DISPOSAL:
   Flush spent solutions and small quantities (less than 5 gal.(19 L))
   to a wastewater treatment system. Reduce discharge rate if foaming
   occurs. Incinerate in a permitted hazardous waste incinerator in the
   presence of a combustible material.

   Empty containers may be sanitary landfilled.

ENVIRONMENTAL DATA:
   Not determined.

REGULATORY INFORMATION:
   Since regulations vary, consult applicable regulations or authorities
   before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S.
   EPA Hazardous).

   TSCA: All chemicals used in the manufacture of this material are
   listed on the US TSCA inventory.

   EPCRA HAZARD CLASS:
   FIRE HAZARD: No  PRESSURE: No  REACTIVITY: No  ACUTE: Yes  CHRONIC: Yes

6. SUGGESTED FIRST AID

EYE CONTACT:
   Immediately flush eyes with large amounts of water for at least 15
   minutes. Get immediate medical attention.

SKIN CONTACT:
   Immediately flush skin with large amounts of water for at least 15

Abbreviations:  N/D - Not Determined  N/A - Not Applicable
6. SUGGESTED FIRST AID

   (continued)

   minutes in a chemical safety shower while removing contaminated
clothing and shoes. Get immediate medical attention. Wash
contaminated clothing before reuse.

   INHALATION:
   Remove person to fresh air. If not breathing, give artificial
respiration. If breathing is difficult, get immediate medical
attention.

   IF SWALLOWED:
   If swallowed, do NOT induce vomiting. Give victim two glasses of
water. Call a physician immediately. Never give anything by mouth to
an unconscious person.

7. PRECAUTIONARY INFORMATION

   EYE PROTECTION:
   Avoid eye contact. Wear vented goggles.

   SKIN PROTECTION:
   Avoid prolonged or repeated skin contact. Wear appropriate gloves
when handling this material. A pair of gloves made from the
following material(s) are recommended: butyl rubber.

   VENTILATION PROTECTION:
   Use in a well-ventilated area. Provide sufficient ventilation to
maintain emissions below recommended exposure limits.

   RESPIRATORY PROTECTION:
   Avoid breathing of vapors.

   PREVENTION OF ACCIDENTAL INGESTION:
   Do not ingest.

   RECOMMENDED STORAGE:
   Keep container closed when not in use. Keep out of the reach of
children.

   FIRE AND EXPLOSION AVOIDANCE:
   Keep container tightly closed.

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>VALUE</th>
<th>UNIT</th>
<th>TYPE</th>
<th>AUTH</th>
<th>SKIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>NONE</td>
<td>NONE</td>
<td>NONE</td>
<td>NONE</td>
<td>NONE</td>
</tr>
<tr>
<td>SODIUM LAURYL SULFATE</td>
<td>NONE</td>
<td>NONE</td>
<td>NONE</td>
<td>NONE</td>
<td>NONE</td>
</tr>
<tr>
<td>SODIUM LAUROYL SARCOSINATE</td>
<td>NONE</td>
<td>NONE</td>
<td>TWA</td>
<td>ACGIH</td>
<td>Y</td>
</tr>
<tr>
<td>2-BUTOXYETHANOL</td>
<td>25</td>
<td>ppm</td>
<td>TWA</td>
<td>OSHA</td>
<td>Y</td>
</tr>
<tr>
<td>2-BUTOXYETHANOL</td>
<td>25</td>
<td>ppm</td>
<td>TWA</td>
<td>OSHA</td>
<td>Y</td>
</tr>
</tbody>
</table>

* SKIN NOTATION: Listed substances indicated with "Y" under SKIN refer to
the potential contribution to the overall exposure by the cutaneous route
including mucous membrane and eye, either by airborne or, more particularly,
by direct contact with the substance. Vehicles can alter skin absorption.

Abbreviations: N/D - Not Determined N/A - Not Applicable
7. PRECAUTIONARY INFORMATION (CONTINUED)

SOURCE OF EXPOSURE LIMIT DATA:
- ACGIH: American Conference of Governmental Industrial Hygienists
- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:
Chemical Related Eye Burns (chemical corrosivity): signs/symptoms can include cloudy appearance of the cornea, chemical burns, pain, tearing, ulcers, impaired vision or loss of vision.

SKIN CONTACT:
Skin Burns (chemical corrosivity): signs/symptoms can include redness, swelling, itching, pain, blistering, ulceration, sloughing, and scar formation.

May be absorbed through the skin and produce effects similar to those caused by inhalation and/or ingestion.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Blood disorders: signs/symptoms can include prolonged weakness and fatigue.

Kidney Effects: signs/symptoms can include reduced urine volume, blood in urine and back pain.

INHALATION:
Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

Single overexposure, above recommended guidelines, may cause:

- Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

IF SWALLOWED:
Damage to Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, nausea, abdominal tenderness, burns of mouth, difficulty swallowing, blood in vomitus, blood in feces, and ulceration.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE

Abbreviations: N/D - Not Determined  N/A - Not Applicable
8. HEALTH HAZARD DATA (continued)

NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Ingestion may cause:

Blood disorders: signs/symptoms can include prolonged weakness and fatigue.

Kidney Effects: signs/symptoms can include reduced urine volume, blood in urine and back pain.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, incoordination, slowed reaction time, fatigue, blurred vision, slurred speech, giddiness, tremors and convulsions.

SECTION CHANGE DATES

HEADING    SECTION CHANGED SINCE FEBRUARY 15, 1994 ISSUE

Abbreviations: N/D - Not Determined  N/A - Not Applicable

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