

# MATERIAL SAFETY DATA SHEET

**Product Name:** Anilox Deep Clean Gel ( PLUS )

**Product Number:** 100

American Solutions LLC  
PO Box 8192  
Haledon, NJ 07538

Emergency Telephone Number  
Infotrac: 800-535-5053  
Information Telephone Number  
973-949-4098  
Date Prepared: May 2010  
Prepared by: Staff

## I. Product Identification

**Chemical Formulation:** All Purpose Concentrated Cleaner Degreaser

**HMIS Hazard ID System:** Health-2                      Flammability-0                      Reactivity-0

**DOT Shipping Classification:** Corrosive Liquid

## II. Hazardous Ingredients

<u>Substance</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CAS #</u>	<u>Percent Optional</u>
*Ethylene Glycol Monobutyl Ether	25ppm	25ppm	111-67-2	5 - 10
Potassium Hydroxide	2mg/m3	2mg/m3	1310-58-3	1 . 5
Sodium Hydroxide	2mg/m3	2mg/m3	1310-73-2	1 - 5

\*Ethylene Glycol Monobutyl Ether is subject to SARA Section 311/312 as an immediate health hazard and a Fire hazard. It is subject to Right to Know listings in New Jersey and Pennsylvania.

\*\*Potassium Hydroxide is subject to SARA Title III; listed as an immediate hazard and a Reactive hazard. It is subject to Right To Know regulations in New Jersey and Pennsylvania.

\*\*\*Sodium Hydroxide is listed under SARA Section 311/312 as an Intermediate health hazard. It is subject to Right to know regulations in NJ and PA.

## III. Physical Characteristics

**Boiling Point:** 220deg F

**Specific Gravity (Water=1):** 1.04

**Vapor Pressure (mmHg):** NA

**Melting Point:** NA

**Vapor Density (air=1):** NA

**Evaporation Rate:** <1

**Solubility in Water:** Complete

**Butyl Acetate=1**

**Appearance & Odor:** Viscous, yellow-green liquid, mild solvent odor

## IV. Fire & Explosion Hazard

**Flash Point:** None

**Flammable Limits:**                      LEL-NA

UEL-NA

**Extinguishing Media:** None

**Special Fire Fighting Procedures:** NA

**Unusual Fire & Explosion Hazards:** None

### V. Reactivity Data

**Stability:** Unstable  Stable   
**Conditions to Avoid:** Avoid mixing with unknown chemicals  
**Incompatibility:** White Metals  
**Hazardous Decomposition or Byproducts:** None  
**Hazardous Polymerization:** May occur  Will not occur   
**Conditions to Avoid:** None

### VI. Health Hazard Data

**Routes of Entry:** Inhalation-No Skin-Yes Ingestion-Yes

**Health Hazards (Acute & Chronic):**

- **If on skin-** May irritate skin and cause redness, especially upon prolonged or repeated contact.
- **If in eyes-** Eye irritant.
- **If inhaled-** Slight irritant to nose and throat.
- **If ingested-** Studies of ethylene glycol monobutyl ether (5% of total product) in experimental animals have produced damage to red blood cells by inhalation, skin absorption, and ingestion

**Emergency & First Aid Procedures:** If in eyes or swallowed, get immediate medical attention. Flush eyes with water. Flush skin with water until it's no longer slippery. See physician if irritation persists. Do Not induce vomiting.

**Carcinogenicity:** NTP-No ARC Monographs-No OSHA Regulated-No

**Medical Conditions Generally Aggravated by Exposure:** Epidermal conditions. I.e. ulcerations & rashes

### VII. Precautions for Safe Handling & Use

**Steps to be taken if material is released or spilled:** Dike spill and vacuum up. Use absorbent to soak up spill.

**Waste Disposal Method:** According to federal, state, and local authorities only.

**Precautions for Storing & Handling:** Keep from freezing.

**Other Precautions:** None

### VII. Control Measures

**Respiratory Protection (Specify Type):** None

**Ventilation:** Local: Normal Special: Mechanical: Other:

**Protective Gloves:** Impermeable gloves

**Eye Protection:** Goggles or glasses to prevent splashing

**Other Protective Equipment:** Eye wash should be accessible

**Work Hygienic Practices:** Wash thoroughly after handling. Launder contaminated clothing before reuse.