

# MATERIAL SAFETY DATA SHEET

## Curtis/GlenChem Corp.

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

Product: **SIMPLY BLUE**

MSDS No.: G5351 - Rev. 1.0 Date: 02/02  
Replaces - Rev. None (Original)  
Updated Sections: None

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

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

Product or Trade Name: ..... SIMPLY BLUE  
Chemical Name/Synonym: ..... PROPRIETARY BLEND  
Chemical Family: ..... LIQUID CLEANING COMPOUND  
Formula: ..... PROPRIETARY  
Product Code: ..... G5351

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

Product Description: Water based cleaner / degreaser, non-toxic and highly biodegradable.

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

Boiling Point: ..... > 212°F  
Vapor Pressure: ..... 18 - 24 (mmHg) @ 60° - 80° F  
Vapor Density: ..... 1.3 (AIR=1)  
Appearance: ..... Transparent blue liquid  
pH: ..... 9.6 ± 0.1, as received

Solubility in Water: ..... Complete  
Specific Gravity: ..... 1.04 (H<sub>2</sub>O=1)  
% Volatile by Volume: ..... 80 - 90  
Odor: ..... ethylene glycol butyl ether  
pH working solutions: ..... 8 - 9.6

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

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
* 2-butoxyethanol	111-76-2	< 10	25 ppm (skin)**	25 ppm (skin)**
Inert and/or non-hazardous components	-----	> 90	-----	-----

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

\* Component hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200) or one or more state Right-To-Know lists.

\*\* Diluted to the levels inherent in SIMPLY BLUE, 2-butoxyethanol does not possess the same level of occupational health risk associated with exposure to undiluted 2-butoxyethanol.

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

Flash Point: ..... N/A (will not support combustion).  
Extinguishing Media: ..... Small Fire: CO<sub>2</sub>, 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.  
Hazardous Decomposition Products: ..... Carbon monoxide may form upon thermal degradation.  
Hazardous Polymerization: ..... Will not occur.

**-- 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.  
SKIN CONTACT: ..... Prolonged contact may cause dryness and dry skin irritation.  
INHALATION:..... No data - situation not normally encountered.  
INGESTION:..... Not determined.  
EFFECTS OF OVEREXPOSURE: ..... None currently known.  
IARC and NTP ..... NONE of he ingredients in this product are currently listed by the NTP, IARC, or OSHA as carcinogens.

**-- 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 - 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 if splashing is anticipated.

**-- SECTION 10 - REGULATORY 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. Empty Containers: Do not reuse empty containers for storage of foodstuffs or potable water. For returnable drums or drums set aside for reconitioner, empty drums as completely as possible and fit bungs tightly with undamaged closures. D.O.T. regulations forbid transportation of partially filled and unclosed containers.

D.O.T.: Shipping Classification: Cleaning Compound, UNREGULATED

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

SARA Title III Information (for 2-butoxyethanol – tested and rated as 100% glycol ether – NOT as a diluted component of SIMPLY BLUE): A) Sections 311/312 - Immediate, Delayed, Fire; B) Section 313 - Not Listed; C) Section 302 - Not Listed as an Extremely Hazardous Substance.

CERCLA Information (for the components of SIMPLY BLUE): None Listed in Table 302.4 of 40 CFR Part 302 as hazardous substances with NRC RQ's.

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.