

**Material Safety Data Sheet**  
**Stream Clean**

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**DATE PREPARED:** 8/3/2012  
**REVISION DATE:** 10/9/2012  
**CHEM-TEL:** 800-225-3924  
**PRODUCT NUMBER:** 121620001

**SECTION I - IDENTIFICATION**

**PRODUCT NAME:** Stream Clean  
**PRODUCT CODE:** 121620001  
**PRODUCT USE:** Cleaner

**SECTION II – COMPOSITION/HAZARDOUS INGREDIENTS**

HAZARDOUS INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
2-Butoxy Ethanol	111-76-2	50 ppm	20 ppm
1000 ppm	67-60-0	400 ppm	200 ppm
Propane/N-Butane	68476-86-8	N/A	1000 ppm

**SECTION III – HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** Aerosol under pressure do not expose to high temperatures 120°F or store in direct sunlight.  
**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin  
**EYES:** Causes irritation, may cause conjunctivitis with possible corneal injury.  
**INGESTION:** May cause gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, depending on the amount ingested.  
**INHALATION:** Causes dizziness if inhaled directly or exposed to excessive amounts.  
**SKIN:** May cause mild irritation, localized defatting.  
**MEDICAL CONDITION AGGRAVATED:** None known  
**CHRONIC HEALTH HAZARDS:** None known  
**CARCINOGENICITY:**  
**OSHA:** No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

**SECTION IV - FIRST AID MEASURES**

**EYES:** Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.  
**INGESTION:** May cause gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, depending on the amount ingested.  
**INHALATION:** Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.  
**SKIN:** Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation develops.  
**NOTE TO PHYSICIAN:** None

**SECTION V – FIRE-FIGHTING MEASURES**

**FLASH POINT:** Not Tested  
**FLAMMABLE LIMITS IN AIR, (% BY VOLUME)** **UPPER:** N/A **LOWER:** N/A  
**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, alcohol foam, and water spray or fog.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Contents under pressure. Exposure to temperatures above 120 F may cause bursting.  
**HAZARDOUS COMBUSTION PRODUCTS:** None

**Material Safety Data Sheet**  
Stream Clean

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

**SPILL:** Use non-combustible material like vermiculite, sand or earth on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.  
**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.  
**RCRA STATUS:** Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**SECTION VII – HANDLING AND STORAGE**

**HANDLING AND STORAGE:** Store in a cool, dry area. Do not use or store near heat or open flames. Exposure to temperatures above 120 F may cause bursting.  
**OTHER PRECAUTIONS:** None

**SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS / VENTILATION:** Ambient ventilation suitable, forced ventilation should not be required  
**RESPIRATORY PROTECTION:** Not required with normal use.  
**PROTECTIVE CLOTHING:** None  
**ADDITIONAL MEASURES:** Follow normal hygiene practices  
**EXPOSURE GUIDELINES:** N/A

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Clear Spray  
**ODOR:** Neutral scent  
**PHYSICAL STATE:** Liquid  
**BOILING POINT:** 212°F  
**FREEZING POINT:** Not Tested  
**VAPOR PRESSURE (mm Hg):** 17.5 @ 77°F (25°C)  
**VAPOR DENSITY (AIR=1):** 1  
**EVAPORATION RATE:** <0.3  
**SPECIFIC GRAVITY (H2O=1):** 1.0  
**pH:** N/A  
**SOLIDS (%):** N/A  
**SOLUBILITY IN WATER:** 100 %  
**VOLATILITY INCLUDING WATER (%):** >80%  
**VOLATILE ORGANIC COMPOUNDS (VOC):** N/A  
**DIELECTRIC STRENGTH (Volts):** N/A

**SECTION X – STABILITY AND REACTIVITY DATA**

**CHEMICAL STABILITY:** Stable  
**CONDITIONS TO AVOID:** Temperatures greater than 120 F may cause bursting.  
**INCOMPATIBILITY:** Strong oxidizers, Alkalies, Acids  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** None Known  
**HAZARDOUS POLYMERIZATION:** Will not occur

**SECTION XI – TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** 2-Butoxy Ethanol - 111-76-2; Oral rat LD50: 470 mg/kg; Inhalation rat LC50: 450ppm/4H, 2.21 mg/L 4hr, rat; Skin rabbit LD50: 220 mg/kg; investigated as a tumorigen, mutagen, reproductive effector. Reproductive Toxicity: Has shown teratogenic effects in laboratory animals.

**Material Safety Data Sheet**  
Stream Clean

**SECTION XII – ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** 2-Butoxy Ethanol - 111-76-2 - LC50/96-hour values for fish are over 100 mg/l. This material is not expected to be toxic to aquatic life.

**SECTION XIII – DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.  
**RCRA STATUS:** Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**SECTION XIV - TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** Non Corrosive Cleaning Compound  
**HAZARD CLASS/DIVISION:** ORM-D

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty. Class 2  
**HAZARD CLASS/DIVISION:** 2.1

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**  
**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty. Class 2  
**HAZARD CLASS/DIVISION:** 2.1  
**NOTE:**

**SECTION XV - REGULATORY INFORMATION**

**TSCA STATUS:** All Chemicals are listed or exempt.  
**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None  
**SARA 311/312 HAZARD CATEGORIES:** 2-Butoxy ethanol - 111-76-2 - Acute health hazard, Chronic health hazard.  
**SARA 313 REPORTABLE INGREDIENTS:** 2-Butoxy ethanol - 111-76-2, 1%;  
**CLEAN WATER ACT:** None  
**STATE REGULATIONS:** This product contains no known chemicals regulated by California's proposition 65. New Jersey's Worker and community Right to Know Act: 2-BUTOXY ETHANOL - 111-76-2; Massachusetts' Right to Know Law: 2-BUTOXY ETHANOL - 111-76-2 Pennsylvania's Right to Know Act: 2-BUTOXY ETHANOL - 111-76-2;  
**INTERNATIONAL REGULATIONS:** 2-Butoxy Ethanol - 111-76-2, Europe (EINECS), Japan (ENCS), Australia (AICS), WHMIS (Canada), DSCL (EEC), NDSL, Korea (ECL), Philippines (PICCS), New Zealand (NZIOC), China (IECS).  

<b>NFPA HEALTH:</b>	1	<b>HMIS HEALTH:</b>	1
<b>NFPA FLAMMABILITY:</b>	1	<b>HMIS FLAMMABILITY:</b>	1
<b>NFPA REACTIVITY:</b>	1	<b>HMIS REACTIVITY:</b>	1
<b>NFPA OTHER:</b>	N/A	<b>HMIS PROTECTION:</b>	A

**SECTION XVI - ADDITIONAL INFORMATION**

**PREPARATION BY:** John Holdren

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