



# SAFETY DATA SHEET

## 1001 - All Purpose Cleaner

Version 1.3 2020-06-05

### SECTION 1 PRODUCT IDENTIFICATION AND COMPANY INFORMATION

PRODUCT NAME: ALL PURPOSE CLEANER CONCENTRATE  
PRODUCT CODE: 1001  
PRODUCT USE: General purpose cleaning  
CAS NUMBER: N/A - MIXTURE

COMPANY HI-LUSTRE PRODUCTS, INC.  
3208 Fowler Street, Los Angeles, CA 90063  
+ 1-323-269-3858  
sales@HiLustre.com  
www.HiLustre.com

24 HOUR EMERGENCY TELEPHONE NUMBERS  
Spill, Leak, Fire or Accident Call PERS  
USA - NATIONAL POISON CONTROL SYSTEM

NORTH AMERICA: 800-633-8253  
INTERNATIONAL: 801-629-0667  
LOCAL POISON ACTION LINE: 800-222-1222

### SECTION 2 HAZARD IDENTIFICATION

#### Emergency Overview:

**GHS Hazard Classification:** Acute Toxicity (Oral) Category 4  
Acute Toxicity (Inhalation) Category 4  
Acute Toxicity (Dermal) Category 4  
Skin Irritation Category 2  
Eye Irritation Category 2A

#### GHS Label Elements

Signal Word: Warning

Pictogram:



**Hazard Statements:** Harmful if swallowed. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled.

**Precautionary Statements:** Keep out of reach of children. Read label before use. Keep container tightly closed. Avoid breathing mist/spray. Do not get in eyes, on skin, or on clothing. Wash with soap thoroughly after handling. Wear protective gloves/protective clothing.

**Response:** IF IN EYES: Rinse continuously with water for several minutes, Remove contact lenses and continue rinsing. Immediately call a doctor/physician. IF ON SKIN: Wash with plenty of soap and water. IF SWALLOWED: Rinse mouth, do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Storage:** Store in accordance with local/national regulations.

**Disposal:** Dispose of contents/container in accordance with local/national/international regulations.

### SECTION 3 COMPOSITION INFORMATION ON INGREDIENTS

2-butoxyethanol CAS # 111-76-2  
sodium metasilicate pentahydrate CAS # 10213-79-3  
EDTA Tetrasodium Salt CAS # 64-02-8

### SECTION 4 FIRST AID MEASURES

**IF IN EYES:** Rinse continuously with water for several minutes, Remove contact lenses and continue rinsing. Immediately call a doctor/physician.

**IF ON SKIN:** Wash with plenty of soap and water.

**IF SWALLOWED:** Rinse mouth, do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

## **SECTION 5 FIREFIGHTING MEASURES**

**Conditions of flammability:** Not likely under normal conditions as the Flash Point is above 212 DF (100 DC). Even upon heating this product would give off only water vapor.

**Suitable extinguishing media:** Foam, water, water spray

**Special protective equipment for firefighters:** Wear a self-contained breathing apparatus with a full face-piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

**Hazardous combustion products:** Some oxides of carbon on incineration

**Additional information:** Fire and explosion hazards are not known for this water based product.

## **SECTION 6 ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Methods and materials for containment and cleaning up:** SMALL SPILLS: Absorb with suitable absorbent material, place in chemical waste container, close tightly and dispose of properly. LARGE SPILLS: Persons not wearing protective equipment should be excluded from area of spill until cleanup has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid into salvage tank. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required. Absorb remaining liquid with suitable absorbent material and place in chemical waste container, close tightly and dispose of properly.

## **SECTION 7 HANDLING AND STORAGE**

**Precautions for safe handling:** Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use in a well-ventilated area and wear protective equipment as required. Avoid misting, heating or splashing. Wash thoroughly after handling.

**Storage:** Store in closed containers in a cool, dry, well-ventilated area. Protect containers from physical damage.

**Special precautions:** Empty containers retain product residues (vapor, liquid and/or solid) and may be hazardous. Observe all hazard precautions. Keep empty containers closed and do not use to mix or store any other materials.

## **SECTION 8 EXPOSURE CONTROLS - PERSONAL PROTECTION**

### **Components with workplace control parameters**

2-Butoxyethanol, CAS # 111-76-2

TWA 20 ppm - USA, ACGIH Threshold Limit Values (TLV)

Eye & Upper Respiratory Tract Irritation

Confirmed animal carcinogen with unknown relevance to humans

TWA 25 ppm – 120 mg/m<sup>3</sup> - USA, OSHA

Table Z-1 Limits for Air Contaminants 1910.1000

Skin Potential for dermal absorption

TWA 50 ppm – 240 mg/m<sup>3</sup> - USA. OSHA - Exposure Limits – Table Z-1 Limits for Air

### **Personal protective equipment**

**Respiratory protection:** Not normally required for use in well ventilated areas.

**Hand protection:** Alkali resistant gloves.

**Eye protection:** Use chemical splash goggles. Government standards such as NIOSH (US) or EN 166 (EU).

**Skin protection:** Neoprene work apron or protective clothing with long sleeves to prevent skin contact. .

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

## **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Properties</b>	Appearance	Greenish yellow liquid
	pH	13.5 to 13.8
	Boiling Point	Approximately 212 deg F
	Solubility in Water	Soluble
	Vapor Pressure	Not Determined (Water based)
	VOC	0.7 Lbs/Gallon (83.96 Grams per Liter)
	Vapor Density	< 1
	Specific Gravity	1.01
	Evaporation Rate	Approximately 0.4 (Butyl Acetate = 1)

## **SECTION 10 STABILITY AND REACTIVITY**

**Chemical stability:** Stable under recommended storage and usage conditions

**Possibility of hazardous reactions:** There is very low possibility of hazardous reactions with this product

**Conditions to avoid:** Heat

**Materials to avoid:** Strong acids – strong acids are not compatible with this product.

**Hazardous decomposition products:** Some oxides of carbon on incineration.

**Hazardous polymerization:** This product does not polymerize.

## **SECTION 11 TOXICOLOGICAL INFORMATION**

The information is provided for the component 2-Butoxyethanol, CAS No. 111-76-2 at 100% Strength. The amount of the component 2-Butoxyethanol, CAS# 111-76-2 present is 4-8% and therefore the effect of the component needs to be calculated for concentration and then taken into account. The concentrations of the components are further reduced at the advised and recommended dilution levels.

**Acute Toxicity:** 2-Butoxyethanol, CAS # 111-76-2  
LD50 Oral Rat 470 mg/Kg.  
LC50 Inhalation Rat 4 Hours 450 ppm  
LD50 Dermal Rabbit 220 mg/Kg.

Sodium Metasilicate, CAS # 6834-92-0  
LD50 Oral Rat 1153 mg/Kg.

EDTA Tetrasodium Salt, CAS # 64-02-8  
LD50 Oral Rat 3,030 mg/Kg.  
LD50 Dermal Rabbit > 5,000 mg/Kg.

**Carcinogenicity Data:** 2-Butoxyethanol, CAS # 111-76-2  
IARC 3 - Group 3. Not classifiable as to its carcinogenicity to humans  
NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated by NTP  
OSHA No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated by NTP

EDTA Tetrasodium Salt, CAS # 64-02-8 No Data as a Human Carcinogen  
Nitrilotriacetate, trisodium salt a component of EDTA is possibly carcinogenic to humans 2B per IARC, which is present in less than 0.0876% in this composition.

**Reproductive Data:** 2-Butoxyethanol, CAS # 111-76-2  
Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

**Teratogenicity:** 2-Butoxyethanol, CAS # 111-76-2 - No data is available

**Specific Target Organ Toxicity (STOT):** 2-Butoxyethanol, CAS # 111-76-2  
Single Exposure (Globally Harmonized System – GHS) - No data is available  
Repeated Exposure (Globally Harmonized System – GHS) - No data is available

**Potential Health Effects:** 2-Butoxyethanol, CAS # 111-76-2  
Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.  
Ingestion: Harmful if swallowed  
Skin: Harmful if absorbed through the skin. Causes skin irritation.  
Eyes: Causes eye irritation

**Signs and Symptoms of Exposure:** None known for exposure to the product as a whole  
2-Butoxyethanol, CAS # 111-76-2  
Central nervous system depression, Headache and narcosis  
Synergistic Effects: No data available

## **SECTION 12 ECOLOGICAL INFORMATION**

**Toxicity:** None known for exposure to the product as a whole  
**Toxicity:** 2-Butoxyethanol, CAS No. 111-76-2  
Toxicity to fish: LC50 – other fish – 220 mg/L – 96 Hours  
Toxicity to daphnia and other aquatic invertebrates EC50 – Daphnia magna (Water flea) – 1.815 mg/L – 24 Hours

EDTA Tetrasodium Salt, CAS # 64-02-8 is practically non-toxic to fish on an acute basis (LC50 > 100 mg/L).  
Fish Acute & Prolonged Toxicity  
LC50, fathead minnow (*Pimephales promelas*), 96 h: > 100 mg/l

**Persistence and Degradability:** EDTA Tetrasodium Salt, CAS # 64-02-8  
Biodegradation under aerobic laboratory conditions is below detectable limits (BOD20 or BOD28/Theoretical Oxygen Demand < 2.5%)  
Chemical Oxygen Demand: 0.19 - 0.28 mg/mg  
Theoretical Oxygen Demand: 1.31 mg/mg

**Bio-accumulative potential:** No data available.  
**Mobility in soil:** No data available.  
**PBT and vPVB assessment:** No data available.  
**Other adverse effects:** No data available.

### **SECTION 13 DISPOSAL CONSIDERATIONS**


Dispose of in accordance with all applicable local, state and federal regulations.

### **SECTION 14 TRANSPORTATION INFORMATION**

**DOT (US):** This is not a regulated material  
**IATA and ICAO (Air Transportation):** This is not a regulated material  
**IMDG (Water Transportation):** This is not a regulated material

### **SECTION 15 REGULATORY INFORMATION**

**OSHA Hazards:** Harmful by ingestion. Harmful by skin absorption. Irritant.  
**US TSCA:** All ingredients listed  
**CANADA:** Inventory Status - All ingredients listed  
**SARA 302 For Components:** No chemicals in this material are subject to reporting requirements.  
**SARA 313 For Components:** 2-Butoxyethanol, CAS # 111-76-2 is subject to reporting levels  
**SARA 311/312 Hazards:** 2-Butoxyethanol, CAS # 111-76-2. Fire Hazard, Acute Health Hazard, Chronic Health Hazard.  
EDTA Tetrasodium Salt, CAS # 64-02-8, Acute Health Hazard, Delayed (Chronic) Health Hazard  
Sodium Metasilicate, CAS # 6834-92-0, Acute Health Hazard, Chronic Health Hazard

**California Prop 65:**  WARNING! This product contains a chemical(s) known to the State of California to cause cancer (formaldehyde) and birth defects, or other reproductive harm (ethylene oxide) For more information visit [P65Warnings.ca.gov](http://P65Warnings.ca.gov)

#### **California SB 258: Ingredients:**

water	7732-18-5
2-butoxy ethanol	111-76-2
disodium trioxosilicate	10213-79-3
alcohols, C10-C14, ethoxylated	66455-15-0
octylphenoxypolyethoxyethanol	9036-19-5
glycine, N,N'-1,2-ethanediybis[N-(carboxymethyl)-, sodium salt	64-02-8
ethylene glycol	107-21-1
acetic acid, 2-hydroxy-, sodium salt	2836-32-0
glycine, N,N-bis(carboxymethyl)-, sodium salt	5064-31-3
sodium hydroxide	1310-73-2
magnesium nitrate	10377-60-3
acid yellow 73	518-47-8
sodium sulfate	7757-82-6
5-chloro-2-methyl-4-isothiazolin-3-one	26172-55-4
magnesium chloride	7786-30-3
2-methyl-4-isothiazolin-3-one	2682-20-4
twitchell oil	8042-47-5

**California SB 258: References (Links to designated lists) (refer to [www.hilustre.com/sds](http://www.hilustre.com/sds) for electronic links)**

#### **CA Prop 65**

<https://oehha.ca.gov/proposition-65/proposition-65-list>

#### **EU CMRs**

[https://echa.europa.eu/documents/10162/13562/cm\\_r\\_report\\_en.pdf](https://echa.europa.eu/documents/10162/13562/cm_r_report_en.pdf)

**EU Endocrine Disruptors**

<https://echa.europa.eu/candidate-list-table>

**IRIS Neurotoxicants (EPA's Integrated Risk Information System)**

[https://cfpub.epa.gov/ncea/iris/search/index.cfm?sys\\_joint=11](https://cfpub.epa.gov/ncea/iris/search/index.cfm?sys_joint=11)

**IRIS Carcinogens (EPA's Integrated Risk Information System)**

[https://cfpub.epa.gov/ncea/iris/search/index.cfm?sys\\_joint=11](https://cfpub.epa.gov/ncea/iris/search/index.cfm?sys_joint=11)

**EU PBTs**

<https://echa.europa.eu/candidate-list-table>

**Canada PBTs**

<https://www.canada.ca/en/environment-climate-change/services/canadian-environmental-protection-act-registry/substances-list/domestic/categorization-existing.html>

**EU Respiratory Sensitizers**

<https://echa.europa.eu/information-on-chemicals/>

**IARC Carcinogens**

<https://monographs.iarc.fr/agents-classified-by-the-iarc/>

**ATSDR (Agency for Toxic Substances and Disease Registry Substances Listing)**

<https://www.atsdr.cdc.gov/substances/toxorganlisting.asp?sysid=18>

**US EPA Priority Chemicals List**

<https://archive.epa.gov/epawaste/hazard/wastemin/web/html/priority.html>

**US NTP Reproductive or Developmental Toxicants**

<https://ntp.niehs.nih.gov/pubhealth/hat/noms/evals.html>

**US EPA PBTs**

<https://www.epa.gov/toxics-release-inventory-tri-program/persistent-bioaccumulative-toxic-pbt-chemicals-covered-tri>

**WA PBTs (Washington State PBT List)**

<https://app.leg.wa.gov/wac/default.aspx?cite=173-333-310>

**US NTP Carcinogens**

<https://ntp.niehs.nih.gov/pubhealth/roc/index.html>

**CA NLS (Drinking Water Notification Levels and Response Levels)**

[https://www.waterboards.ca.gov/drinking\\_water/certlic/drinkingwater/documents/notificationlevels/notification\\_levels\\_response\\_levels\\_overview.pdf](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/notificationlevels/notification_levels_response_levels_overview.pdf)

**CA MCLs (Maximum Contaminant Levels)**

[https://www.waterboards.ca.gov/drinking\\_water/certlic/drinkingwater/Chemicalcontaminants.html](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/Chemicalcontaminants.html)

**CA TACs (Toxic Air Contaminant Toxic Air Contaminant Identification and Control List)**

<https://ww3.arb.ca.gov/toxics/id/taclist.htm>

**CA Priority Pollutants**

<https://www.govinfo.gov/content/pkg/CFR-2010-title40-vol21/pdf/CFR-2010-title40-vol21-sec131-38.pdf>

**CA Non-Cancer Hazards**

<https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary>

**CA Priority Chemicals**

<https://biomonitoring.ca.gov/chemicals/priority-chemicals>

**Marine Priority Action Chemicals**

<https://www.ospar.org/work-areas/hasec/chemicals/priority-action>

**EU Fragrance Allergens**

[https://ec.europa.eu/health/sites/health/files/endocrine\\_disruptors/docs/cosmetic\\_1223\\_2009\\_regulation\\_en.pdf](https://ec.europa.eu/health/sites/health/files/endocrine_disruptors/docs/cosmetic_1223_2009_regulation_en.pdf)

**CA SB-258 Cleaning Product Right to Know Act of 2017**

[https://leginfo.ca.gov/faces/billNavClient.xhtml?bill\\_id=201720180SB258](https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=201720180SB258)

**SECTION 16 OTHER INFORMATION**

All information appearing herein is based upon data obtained from recognized technical sources. While the information is believed to be accurate, Hi-Lustre Products, Inc. makes no warranties or representations as to its accuracy or sufficiency. Conditions of use are beyond Hi-Lustre Products, Inc.'s control and therefore users are responsible for, and assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their needs and circumstances.