

1. Product and Company Identification

Product Code: EB0043-4
Product Name: A-1 Food Grade Degreaser
Company Name: Ecoline Industrial Supply, Inc.
P.O. Box 4236 Chatsworth,
CA 91313
Phone Number:
1 (800)425-8070
Web site address: www.goecoline.com
Emergency Contact: Chemtrec 800-424-9300
Recommended Use: Hard Surface Cleaner/Degreaser
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 1C
Serious Eye Damage/Eye Irritation, Category 2A
Acute Toxicity: Inhalation, Category 4



GHS Signal Word: **Danger**

GHS Hazard Phrases: Harmful if swallowed.
Causes severe skin burns and eye damage.
Causes serious eye irritation.
Harmful if inhaled.
Harmful in contact with skin.

GHS Precaution Phrases: Keep out of reach of children.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Do not breathe dust, fumes, mist, vapors, spray.
Wear protective gloves, protective clothing, eye protection, face protection.
Use only outdoors or in a well-ventilated area.
Avoid breathing fumes and spray mist.
Take off contaminated clothing and wash it before reuse.

GHS Response Phrases: If on skin (or in hair): Take off immediately all contaminated clothing. Rinse skin with water.
Wash contaminated clothing before reuse.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If swallowed: Rinse mouth. Do NOT induce vomiting.
Call a POISON CENTER or doctor if you feel unwell.
If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

GHS Storage and Disposal Phrases: Dispose of contents and container according to the local, city, state and federal regulations.
Store locked up.

**Potential Health Effects
(Acute and Chronic):**

Inhalation:	Harmful if inhaled. May cause respiratory tract irritation.
Skin Contact:	Causes skin irritation. Harmful if absorbed through the skin. Causes skin burns. Causes severe burns with delayed tissue destruction.
Eye Contact:	Causes eye irritation. Causes severe eye burns. Contact may cause ulceration of the conjunctiva and cornea. Eye damage may be delayed.
Ingestion:	Harmful if swallowed. Causes burns. May cause severe and permanent damage to the digestive tract. Causes gastrointestinal tract burns.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
111-76-2	Ethanol, 2-Butoxy-	Proprietary
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	Proprietary
1310-58-3	Potassium hydroxide	Proprietary
78-96-6	1-Amino-2-Propanol	Proprietary

4. First Aid Measures**Emergency and First Aid
Procedures:**

In Case of Inhalation:	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen.
In Case of Skin Contact:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
In Case of Eye Contact:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
In Case of Ingestion:	Do NOT induce vomiting. Call a poison control center. Never give anything by mouth to an unconscious person. Consult a physician.
Signs and Symptoms Of Exposure:	Burning sensation, Cough, Wheezing, Laryngitis, Shortness of breath.
Note to Physician:	Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt:	NE
Explosive Limits:	LEL: N/A UEL: N/A
Autoignition Pt:	NE
Suitable Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or chemical foam.
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Flammable Properties and Hazards:	No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Do not let this chemical enter the environment.

7. Handling and Storage

Precautions To Be Taken in Handling: Do not breathe dust, mist, or vapor. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing.

Precautions To Be Taken in Storing: Keep away from sources of ignition. Store in a cool, dry place. Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	No data.
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No data.	No data.	No data.
1310-58-3	Potassium hydroxide	No data.	CEIL: 2 mg/m ³	No data.
78-96-6	1-Amino-2-Propanol	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Always use a NIOSH approved respirator when necessary.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Face shield and safety glasses. Wear chemical splash goggles.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure. Handle with gloves.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Engineering Controls (Ventilation etc.): Use adequate general or local explosion-proof ventilation to keep airborne levels to acceptable levels.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States: ☐ Gas ☒ Liquid ☐ Solid

Appearance and Odor: Clear colorless liquid with mild solvent fragrance.

Melting Point: NE

Boiling Point: >= 212.00 F

Decomposition Temperature: NE

Autoignition Pt: NE

Flash Pt: NE

Explosive Limits: LEL: N/A UEL: N/A

Specific Gravity (Water = 1): ~ 1.060

Density: ~ 8.84 LB/GA

Bulk density: NE
Vapor Pressure (vs. Air or mm Hg): NE
Vapor Density (vs. Air = 1): NE
Evaporation Rate: NE
Solubility in Water: 100%
Saturated Vapor Concentration: NE
Viscosity: NP
pH: ~ 11.50 - 12.50
Percent Volatile: No data.
VOC / Volume: 55.0000 G/L
Particle Size: NE
Heat Value: NE
Corrosion Rate: NE

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: None.
Incompatibility - Materials To Avoid: Strong acids, Strong oxidizing agents, Aluminum, Lead. Tin/tin oxides, Aluminum and Soft Metals.
Hazardous Decomposition Or Byproducts: CO, CO₂, Hydrogen.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: None.

11. Toxicological Information

Toxicological Information: No data available.
Carcinogenicity/Other Information: CAS# 111-76-2: ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans.
California: Not listed.
NTP: Not listed.
IARC: Not listed. Carcinogenicity.
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. CAS# 1310-58-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 78-96-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
111-76-2	Ethanol, 2-Butoxy-	n.a.	3	A3	n.a.
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	n.a.	n.a.	n.a.	n.a.
1310-58-3	Potassium hydroxide	n.a.	n.a.	n.a.	n.a.
78-96-6	1-Amino-2-Propanol	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: NOT REGULATED FOR DOMESTIC TRANSPORT.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
111-76-2	Ethanol, 2-Butoxy-	No	No	Yes-Cat. N230
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No	No	No
1310-58-3	Potassium hydroxide	No	Yes 1000 LB	No
78-96-6	1-Amino-2-Propanol	No	No	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

111-76-2	Ethanol, 2-Butoxy-	CA PROP.65: No; CA TAC, Title 8: TAC, Title 8
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	CA PROP.65: No; CA TAC, Title 8: No
1310-58-3	Potassium hydroxide	CA PROP.65: No; CA TAC, Title 8: Title 8
78-96-6	1-Amino-2-Propanol	CA PROP.65: No; CA TAC, Title 8: No

16. Other Information

Hazard Rating System:

HEALTH		2
FLAMMABILITY		0
PHYSICAL		0
PPE		C

HMIS:



Revision Date:

10/10/2018

Additional Information About This Product:

No data available.

Company Policy or

Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.