

#### A-1 Food Grade

**Degreaser** 

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Revision: 10/10/2018

Supersedes Revision: 06/18/2018

#### 1. Product and Company Identification

Product Code: EB0043-4

**Product Name:** A-1 Food Grade Degreaser

Company Name: Ecoline Industrial Supply, Inc. Phone Number: 1 (800)425-8070

P.O. Box 4236 Chatsworth,

CA 91313

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** 

Dispose of contents and container according to the local, city, state and federal

Phrases:

regulations.
Store locked up.



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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 (H2SiO3), 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.



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#### 6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or

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:

Spilled:

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 (H2SiO3), Disodium salt	No data.	No data.	No data.
1310-58-3	Potassium hydroxide	No data.	CEIL: 2 mg/m3	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.

Wear appropriate protective clothing to prevent skin exposure. Choose body protection Other Protective Clothing:

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

[ ] Gas [X] Liquid [ ] Solid **Physical States:** 

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

ΝE **Melting Point:** 

>= 212.00 F **Boiling Point:** 

**Decomposition Temperature: NE Autoignition Pt:** ΝE NE Flash Pt:

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

Specific Gravity (Water = 1): ~ 1.060 Density: ~ 8.84 LB/GA



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ΝE **Bulk density:** ΝE

Vapor Pressure (vs. Air or

mm Hg):

Vapor Density (vs. Air = 1): ΝE **Evaporation Rate:** ΝE 100% Solubility in Water: **Saturated Vapor** ΝE

**Concentration:** 

NP Viscosity:

~ 11.50 - 12.50 pH:

**Percent Volatile:** No data. 55.0000 G/L VOC / Volume:

Particle Size: ΝE ΝE **Heat Value:** NE **Corrosion Rate:** 

## 10. Stability and Reactivity

Unstable [ ] Stable [X] Stability:

None.

**Conditions To Avoid -**

Instability:

Incompatibility - Materials To Strong acids, Strong oxidizing agents, Aluminum, Lead. Tin/tin oxides, Aluminum and

Avoid: Soft Metals.

Hazardous Decomposition Or CO, CO2, Hydrogen.

**Byproducts:** 

**Possibility of Hazardous** 

Will occur [ ]

None.

Will not occur [X]

Reactions:

**Conditions To Avoid -**

**Hazardous Reactions:** 

## 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.



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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 (H2SiO3), 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 (H2SiO3), 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 (H2SiO3), 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	o; CA TAC, Title 8: N	o



# **A-1 Food Grade**

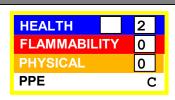
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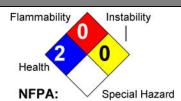
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## 16. Other Information

**Hazard Rating System:** 





HMIS:

**Revision Date:** 

10/10/2018

Additional Information About No data available.

**This Product:** 

**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.

**GHS** format