

1. Product and Company Identification

Product Code: EB4103-4
Product Name: Super Kleen
Company Name: Ecoline Industrial Supply
PO Box 4236
Chatsworth, CA 91313
Phone Number: (800)425-8070

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: Inhalation, Category 4
Skin Corrosion/Irritation, Category 1B
Serious Eye Damage/Eye Irritation, Category 2A



GHS Signal Word: Danger

GHS Hazard Phrases: H332 - Harmful if inhaled.
H314 - Causes severe skin burns and eye damage.
H319 - Can cause serious eye irritation.
H302 - Harmful if swallowed.

GHS Precaution Phrases: P271 - Use only outdoors or in a well-ventilated area.
P261 - Avoid breathing fumes and spray mist.
P260 - Do not breathe dust, fumes, mist, vapors, spray.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P270 - Do not eat, drink or smoke when using this product.

GHS Response Phrases: P304+340 - If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P303+361+353 - If on skin (or in hair): Take off immediately all contaminated clothing. Rinse skin with water.
P363 - Wash contaminated clothing before reuse.
P305+351+338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+330+331 - If swallowed: Rinse mouth. Do NOT induce vomiting.
P310 - Immediately call a POISON CENTER or doctor/physician.

GHS Storage and Disposal Phrases: P405 - Store locked up.
P501 - Dispose of contents and container according to the local, city, state and federal regulations.

Inhalation: Causes respiratory tract irritation with possible burns. Avoid breathing vapors or mists.
Skin Contact: Causes severe skin irritation and burns. Avoid prolonged skin contact during handling.
Eye Contact: Causes severe eye irritation and burns. Direct contact with liquid may cause blindness or permanent eye damage. Avoid any eye contact.
Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Causes gastrointestinal tract burns. Do not induce vomiting unless directed by a physician.

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	
78-96-6	1-Amino-2-Propanol	Proprietary	
112-34-5	Diethylene glycol monobutyl ether	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. Get medical aid.
- In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- 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. Continue rinsing eyes during transport to hospital.
- In Case of Ingestion:** Get medical aid immediately. Never give anything by mouth to an unconscious person. Rinse mouth with water.

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 N.E. UEL: N/A N.E.
- Autoignition Pt:** NE
- Suitable Extinguishing Media:** CO₂, dry foam, water.
- 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.
- Hazardous Combustion Products:** 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.

7. Handling and Storage

- Precautions To Be Taken in Handling:** Do not get in eyes, on skin, or on clothing. Keep away from heat, sparks and flame. Do not ingest or inhale. Provide appropriate exhaust ventilation at places where dust is formed. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.
- Precautions To Be Taken in Storing:** Store in a cool, dry, well-ventilated area away from incompatible substances.

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.
78-96-6	1-Amino-2-Propanol	No data.	No data.	No data.
112-34-5	Diethylene glycol monobutyl ether	No data.	No data.	No data.

Personal Protective Equipment Symbols:



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.

Protective Gloves:

Wear appropriate protective gloves to prevent skin exposure. Handle with gloves.

Other Protective Clothing:

Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.):

Good general ventilation should be sufficient to control airborne 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 [X] Liquid [] Solid
Appearance and Odor:	Yellow color liquid with solvent odor.
pH:	~ 11.50 - 12.50
Melting Point:	NE
Boiling Point:	>= 212.00 F
Flash Pt:	NE
Evaporation Rate:	NE
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: N/A N.E. UEL: N/A N.E.
Vapor Pressure (vs. Air or mm Hg):	NE
Vapor Density (vs. Air = 1):	NE
Specific Gravity (Water = 1):	~ 1.040
Density:	~ 8.67 LB/GA
Bulk density:	NE
Solubility in Water:	100%
Saturated Vapor Concentration:	NE

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Revision: 03/20/2023

Supersedes Revision: 11/04/2020

Octanol/Water Partition Coefficient: No data.
VOC / Volume: 31.2000 G/L
Autoignition Pt: NE
Decomposition Temperature: NE
Viscosity: NP
Particle Size: NE
Heat Value: NE
Corrosion Rate: NE

10. Stability and Reactivity

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

11. Toxicological Information

Toxicological Information: CAS# 111-76-2: Acute toxicity, LD50, Oral, Rat, 470.0 MG/KG. Result: Behavioral: Somnolence (general depressed activity). Behavioral: Muscle weakness. ; Dow Chemical Company Reports., Dow Chemical USA, Health and Environment Research, Toxicology Research Lab, Midland, MI 48640, Vol/p/yr: MSD-46, Acute toxicity, LC50, Inhalation, Rat, 450.0 PPM, 4 H. Result: Behavioral: Ataxia. Nutritional and Gross Metabolic: Weight loss or decreased weight gain. ; Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 68,405, 1983
CAS# 6834-92-0: Acute toxicity, LD50, Oral, Mouse, 770.0 MG/KG. Result: Kidney, Ureter, Bladder: Changes in tubules (including acute renal failure, acute tubular necrosis). Kidney, Ureter, Bladder: Changes in bladder weight. Nutritional and Gross Metabolic: Weight loss or decreased weight gain. ; Toxicology Letters., Elsevier Science Pub. B.V., POB 211, 1000 AE, Amsterdam 1000 AE Netherlands, Vol/p/yr: 31(Suppl),, 1986

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.
CAS# 75-31-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

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Supersedes Revision: 11/04/2020

12. Ecological Information

General Ecological Information: CAS# 111-76-2: LC50, Brine Shrimp (Artemia salina), nauplii, 1000000. UG/L, 24 H, Mortality, Water temperature: 24.00 C C. Result: Morphological changes. ; Brine Shrimp Bioassay and Seawater BOD of Petrochemicals, Price, K.S., G.T. Waggy, and R.A. Conway, 1974

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 as a hazardous material.

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.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

This material meets the EPA Yes No Acute (immediate) Health Hazard
'Hazard Categories' defined Yes No Chronic (delayed) Health Hazard
for SARA Title III Sections Yes No Fire Hazard
311/312 as indicated: Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

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
78-96-6	1-Amino-2-Propanol	CA PROP.65: No; CA TAC, Title 8: No
112-34-5	Diethylene glycol monobutyl ether	CA PROP.65: No; CA TAC, Title 8: Yes - Cat.

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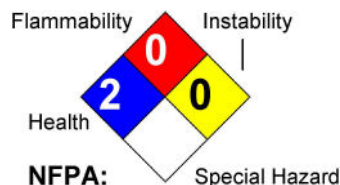
16. Other Information

Revision Date: 03/20/2023

Hazard Rating System:

HEALTH		2
FLAMMABILITY		0
PHYSICAL		0
PPE		B

HMIS:



Additional Information About This Product: 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.