

Material Safety Data Sheet

EI XLERATE

→ *Mighty Five* ←

1. Product and company identification

Product name	EI XLERATE	<u>In case of emergency</u>	1-800-843-6174
Code	2917FX	Validation date	10/23/2009.
Material uses	Floor finish remover	Print date	10/23/2009.
Manufacturer	Essential Industries, Inc. P.O. Box 12 Merton, WI 53056-0012 Phone: 262-538-1122	Responsible name	Regulatory Affairs Department

Hazardous Material Information System (U.S.A.)

Health	3	HAZARD RATING
Flammability	0	4 = Extreme
Physical hazards	1	3 = High
Personal protection	C	2 = Moderate
		1 = Slight
		0 = Insignificant

A = Goggles B = Goggles & Gloves C = Goggles, Gloves & Apron

2. Hazards identification

Emergency overview WARNING!
HARMFUL IF SWALLOWED. CONTAINS MATERIAL THAT MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA.
Harmful if swallowed. Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Contains material that may cause target organ damage, based on animal data. Wash thoroughly after handling.

Potential acute health effects due to overexposure

Inhalation Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Ingestion Toxic if swallowed.
Skin No known significant effects or critical hazards.
Eyes No known significant effects or critical hazards.

Potential chronic health effects due to overexposure

Carcinogenicity No known significant effects or critical hazards.
Mutagenicity No known significant effects or critical hazards.
Teratogenicity No known significant effects or critical hazards.
Developmental effects No known significant effects or critical hazards.
Fertility effects No known significant effects or critical hazards.

See toxicological information (section 8)

3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
benzyl alcohol	100-51-6	30 - 60
2-aminoethanol	141-43-5	10 - 30
2-butoxyethanol	111-76-2	10 - 30

SARA 313

<u>Product name</u>	<u>CAS number</u>	<u>Concentration</u>
Form R - Reporting requirements 2-butoxyethanol	111-76-2	16.059 - 16.222

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

4. First aid measures

Eye contact Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin contact In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

Inhalation Move exposed person to fresh air. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

Ingestion Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention immediately.

Protection of first-aiders No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4. First aid measures

Notes to physician

In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

5. Fire-fighting measures

Flammability of the product

In a fire or if heated, a pressure increase will occur and the container may burst.

Extinguishing media

Suitable

Use an extinguishing agent suitable for the surrounding fire.

Special exposure hazards

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Hazardous thermal decomposition products

Decomposition products may include the following materials:

carbon dioxide
carbon monoxide
nitrogen oxides

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Control and preventive measures

Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Ingredient	Exposure limits
2-aminoethanol	ACGIH TLV (United States, 1/2008). TWA: 3 ppm 8 hour(s). OSHA PEL 1989 (United States, 3/1989). TWA: 3 ppm 8 hour(s). NIOSH REL (United States, 12/2001). TWA: 3 ppm 10 hour(s). OSHA PEL (United States, 11/2006). TWA: 3 ppm 8 hour(s). TWA: 6 mg/m ³ 8 hour(s).
2-butoxyethanol	ACGIH TLV (United States, 1/2008). TWA: 20 ppm 8 hour(s). OSHA PEL (United States, 11/2006). Absorbed through skin. TWA: 50 ppm 8 hour(s).

Personal protection

Respiratory

None required. However, use of adequate ventilation is good industrial practice.

Hands

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Skin

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Eyes

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Methods for cleaning up

Small spill

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Waste disposal

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

7. Physical and chemical properties

Physical state	Liquid	Boiling/condensation point	100°C (212°F)
Color	Aqua	Melting/freezing point	0°C (32°F)
Odor	Bland	Vapor pressure	<40 kPa (<300 mm Hg)
VOC	16.5%	Vapor density	<1 [Air = 1]
pH	10.5 to 11.5	Weight per Gallon:	8.47 lbs/gal
1% pH:	10.5	Specific Gravity:	1.01 gm/ml
Solubility	Complete		

8. Toxicological information

Acute toxicity


Product/ingredient name	Result	Species	Dose	Exposure
benzyl alcohol	LD50 Oral	Rat	1230 mg/kg	-
2-aminoethanol	LD50 Oral	Rat	1720 mg/kg	-
2-butoxyethanol	LD50 Oral	Rat	250 mg/kg	-

Conclusion/Summary Not available

Chronic toxicity

Conclusion/Summary Not available

9. Transport information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
DOT Classification	UN1719	Caustic alkali liquids, n.o.s. (2-aminoethanol)	8	III		-

PG* : Packing group