

**1. Identification of the substance/preparation and of the company/undertaking**

**Product Name:** Fizzion Lane Cleaner  
**Other Means of ID:** None  
**Part Number:** 156-8500B  
**Recommended Use:** Bowling Lane Cleaner Concentrate  
**Restrictions on Use:** None  
**Manufacturer:** Kegel LLC  
 1951 Longleaf Blvd  
 Lake Wales, FL 33859, USA  
**Emergency Phone:** (863) 734-0200  
 (800) 280-2695

**2. Hazards identification**

**Classification:** This product is considered hazardous according to 29 CFR 1910.1200



**Pictogram(s)/Symbol(s):** GHS07  
**Signal Word:** Warning  
 Eye Irritant Category 2  
 Skin Irritant Category 2

**Hazard statements**

H319: Causes serious eye irritation.  
 H315: Causes skin irritation.  
 H303: May be harmful if swallowed.  
 H332: Harmful if inhaled.

**Precautionary Statements**

**Prevention:** P264: Wash hands thoroughly after handling.  
 P280: Wear protective gloves and eye protection (safety glasses or goggles).  
 P261: Avoid breathing dust.  
 P271: Use only outdoors or in a well-ventilated area.  
**Response:** P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if easy to do, and continue rinsing.  
 P337+P313: If eye irritation persists, get medical attention.  
 P302+P352: If on skin, wash with plenty of soap and water.  
 P321: No specific treatment is anticipated.  
 P332+P313: If skin irritation occurs, get medical attention.  
 P362: Take off contaminated clothing and wash before reuse.  
 P304+P340: If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P312: Call a poison center or doctor/physician if you feel unwell.

**Storage:**

**Disposal:**

**Hazards not otherwise classified:** None

**Unknown toxicity:** Less than 1% of the mixture consists of ingredient(s) of unknown toxicity.

**3. Composition/information on ingredients**

**Substance/preparation (mixture):preparation (mixture)**

Chemical name*	CAS Number	Concentration (%)	EC Number	Classification*
Citric acid	77-92-9	20-25 <sup>+</sup>	201-069-1	Xi; R36/37/38
Sodium carbonate	497-19-8	20-25 <sup>+</sup>	207-838-8	Xi; R36
Sodium hydrogencarbonate	144-55-8	17-21 <sup>+</sup>	205-633-8	---
Surfactant blend <sup>+</sup>	Proprietary	10-12 <sup>+</sup>	---	---
Sodium dodecyl sulphate	151-21-3	5-8 <sup>+</sup>	205-788-1	---
Tetrapotassium pyrophosphate	7320-34-5	5-7 <sup>+</sup>	230-785-7	---
Tetrasodium ethylenediaminetetraacetate	64-02-8	1-2 <sup>+</sup>	200-573-9	Xn; R22; Xi; R41

<sup>+</sup>Exact percentages (concentrations) and/or specific chemical identity have been withheld as trade secret.

\*Occupational Exposure Limit(s), if available, are listed in section 8. See section 16 for the full text of the R phrases declared above.

**4. First Aid Measures**

**Skin Contact:** No emergency care anticipated. Wash skin with soap and water. Remove any contaminated clothing and wash clothing before reuse. If irritation persists, seek medical attention.

**Eye Contact:** No emergency care anticipated. Flush eyes thoroughly with water while holding eyes open for at least 15 minutes. If wearing contact lenses, remove lenses and flush eyes for several minutes. If discomfort persists, seek medical attention.



**Ingestion:** Do not induce vomiting unless directed to do so by medical professional. Treat symptomatically. It is not expected that this product will be toxic by ingestion. Seek medical attention as necessary. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove from further exposure. Obtain medical attention. Qualified personnel may give oxygen if breathing is difficult or cyanosis (blue discoloration of the skin) is noted. Give artificial respiration if subject is not breathing.

**Most Important Symptoms/Effects (acute and delayed)**

**Skin Absorption:** Harmful effects are not expected from short periods of contact. Prolonged or repeated contact with dry tablet may cause irritation. Contact with dissolved tablet solution may cause irritation including redness.

**Eye Contact:** Harmful effects are not expected from contact with tablet. Tablet dust can cause irritation, redness, tearing and swelling. Diluted/dissolved tablet in solution can cause eye irritation including tearing and redness.

**Ingestion:** Ingestion of tablet is unlikely. Ingestion of dust due to normal contact and handling is unlikely to have negative effects. Ingestion of solution of dissolved tablet(s) can cause upset stomach, diarrhea and nausea.

**Inhalation:** Inhalation of tablet dust is unlikely to have harmful effects. Inhalation of solution of the dissolved tablet(s) is unlikely during normal use but can cause headache, dizziness and other similar effects.

**Indications of Immediate Medical Attention and Special Treatment Needed**

Physician should treat symptomatically. Show physician this safety data sheet.

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**5. Fire Fighting Measures**

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**Flash Point:** Will not burn

**Method:** N/A

**Extinguishing Media**

**Suitable:** Use CO<sub>2</sub>, dry powder, universal-type foam, and water fog

**Unsuitable:**

**Specific Hazards Arising from Chemical:** Material may splatter if temperature exceeds boiling point. Polymer film can burn.

**Hazardous Combustion Products:** Burning can produce soot, carbon dioxide, carbon monoxide and other oxides.

**Special Fire Fighting Procedures:** Use water spray to cool fire-exposed containers and structures.

**Special Protective Equipment for Firefighters:** Wear full protective gear and a self-contained breathing apparatus with full face-piece; MSHA/NIOSH approved or equivalent; operated in positive pressure mode.

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**6. Accidental Release Measures**

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**Personal Precautions:** Wear protective clothing including gloves and eye protection when taking up spills. Eliminate any ignition sources as a precaution.

**Environmental Precautions:** The tablet can be dissolved in water. There are no known environmental hazards associated with the use of this product.

**Methods for Containment and Clean-up**

Floor may be slippery. Use care to avoid falling. Use spill dams to prevent spilled liquid from spreading. Absorb spill on an inert material such as sand, earth, or vermiculite. Universal sorbent pads may also be used. Spill clean-up materials should be collected in appropriately labeled containers for disposal. Dispose of material as required by all local, state, federal and international regulations and laws. Spills of liquid may also be flushed down the drain with large amounts of water. Dust spills from crushed or broken tablets can be swept into a collection bin and dissolved in water for disposal.

Note: see section 8 for personal protective equipment and section 13 for disposal considerations.

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**7. Handling and Storage**

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**Safe Handling Precautions:** Keep container closed. Wear suitable personal protective equipment including gloves and eye protection. Wash hands after use.

**Safe Storage Requirements:** Normal precautions should be followed in handling and storage. Store product in a cool, dry place. Keep container closed. Freezing of diluted/dissolved tablet(s) solution may rupture container. Product shelf life is best retained by storage between 10°C and 37°C (50°F - 98°F).

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**8. Exposure Controls/Personal Protection**

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**Engineering Measures:** Mechanical ventilation is suggested but not normally necessary under normal usage of product.

**Hygiene Measures:** Wash hands thoroughly after handling and before eating, smoking, using lavatory, and at the end of the day. Remove contaminated clothing and clean it before re-use. Do not take internally. Keep away from foodstuffs and beverages.

**Respiratory Protection:** No special respiratory protection is required with normal usage of product.

**Hand and Skin Protection:** Wear chemical resistant gloves and protective clothing, such as long sleeves, to minimize skin contact.

**Eye Protection:** Appropriate eye protection should always be worn when handling chemicals. Splash resistant eyewear is recommended when splashing is a concern.

**Exposure Limits**

Component	Type	Value	Remark
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Nuisance Dust

OSHA PEL/TWA

15 mg/m<sup>3</sup>

ACGIH TLV

5 mg/m<sup>3</sup>

MSHA PEL/TWA

10 mg/m<sup>3</sup>**9. Physical and Chemical Properties****Appearance:** White powder/tablet**Odor:** Non-objectionable, citrus odor**Odor threshold:** Not determined**Specific Gravity (H<sub>2</sub>O=1):** 1.032 @ 22.5°C (dissolved tablet)**Density (lbs/gal):** 8.60 @ 22.5°C (dissolved tablet)**pH:** 7.8 (dissolved tablet)**Melting/freezing point:** Not determined**Initial boiling point/boiling range:** Not determined**Solubility in H<sub>2</sub>O:** Soluble**Evaporation rate:** Not determined**Vapor pressure:** Not determined**Vapor density:** Not determined**Partition coefficient (n-octanol/water):** Not determined**Viscosity:** Not determined**Flash Point:** Will not burn**Method:** N/A**Flammability (solid, gas):** Not determined**Explosive limits:** Not determined**Auto ignition temp.:** Not determined**Decomposition temp.:** Not determined**10. Stability and Reactivity****Stability:** Stable**Reactivity:** Non-reactive when used according to specifications**Possibility of Hazardous Reactions:** None under normal processing**Conditions to avoid:** No decomposition is expected during normal use. Avoid high heat, flames and sparks as a precaution.**Incompatible Materials:** Product is normally unreactive.**Hazardous Decomposition Products:** Burning can produce soot, carbon dioxide, carbon monoxide and other oxides.**Hazardous Polymerization:** Will not occur**11. Toxicological Information**

This product has not undergone animal lab testing to determine toxicity. Specific test data for the preparation/mixture is not available. Toxicological data and local effects on primary ingredient(s)/component(s):

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Citric Acid (77-92-9)	3 g/kg (rat)	---	---
Sodium carbonate (497-19-8)	2800 mg/kg (rat)	>2000 mg/kg (rabbit)	800 mg/m <sup>3</sup> (Guinea pig)
Sodium hydrogencarbonate (144-55-8)	7.3 g/kg (rat)	---	>4.74 mg/L (rat)

**Information on Likely Routes of Exposure and Toxicological Effects**

**Skin irritation:** Prolonged or repeated contact may lead to skin irritation including redness, drying and itching.

**Inhalation:** Inhalation of dust may be irritating.

**Eye irritation:** Product dust may be irritating to the eyes causing swelling, tearing and redness.

**Ingestion:** Ingestion of diluted/dissolved tablet solution may cause nausea, vomiting and diarrhea.

**Numerical measures of toxicity:** The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral):** 3057 mg/kg

**ATEmix (dermal):** 3115 mg/kg

**ATEmix (inhalation-dust):** 1.2 mg/l

**12. Ecological Information**

There is no ecotoxicity data available for this product. This product is not expected to be readily biodegradable based on information for primary ingredients (sodium carbonate (CAS #497-19-8) and sodium hydrogencarbonate (CAS #144-55-8)). The toxicity of this material to aquatic organisms has not been evaluated.

**13. Disposal Considerations****Methods of Disposal**

Dispose of all waste in accordance with appropriate international, federal, state and local environmental control regulations.

**Recommendations**

Collect and dispose in sealed containers at a licensed waste disposal site. Empty containers should be taken to an approved waste facility for recycling or disposal.

**14. Transport Information**

**UN Number:** None

**Proper shipping name/Technical name:** Not regulated

**DOT/ADR/RID (Road/Rail Transport):** This product is not classified by DOT/ADR/RID.



**IMDG/IMO Classification (Sea Transport):** This product is not classified by IMDG/IMO.  
**ICAO/IATA Classification (Air Transport):** This product is not classified by ICAO/IATA.

**15. Regulatory Information**

**US Regulations:** This preparation is classified as a hazardous chemical; an irritant preparation; as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

**State Regulations**

**California:** WARNING: This product may contain a material known to the State of California to cause cancer, birth defects or other reproductive harm: ethylene oxide.

**EU Regulations:** The preparation is classified as dangerous; an irritant preparation; according to Directive 1999/45/EC and its amendments.

- Safety Phrase(s): S2: Keep out of the reach of children.  
 S22: Do not breathe dust.  
 S24: Avoid contact with skin.  
 S25: Avoid contact with eyes.  
 S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S37: Wear suitable gloves.  
 S39: Wear eye/face protection

**16. Other Information**

Full text of R-phrases, if any, with number appearing in section 3:

- Xi: Irritant  
 Xn: Harmful  
 R22: Harmful if swallowed.  
 R36/37/38: Irritating to eyes, respiratory system and skin.  
 R41: Risk of serious damage to eyes.

**HMIS III Rating**

Health: 1  
 Flammability: 0  
 Physical Hazard: 0  
 PPE: B

**NFPA Rating**

Health: 1  
 Flammability: 0  
 Instability: 0  
 Special Hazards: None

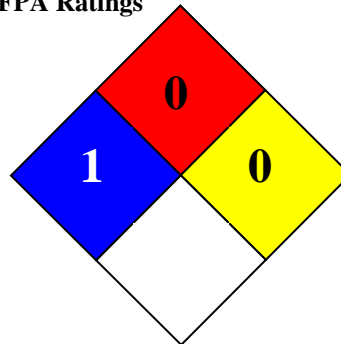
**Hazard Rating Legend**

- 0: Minimal Hazard  
 1: Slight Hazard  
 2: Moderate Hazard Special  
 3: Serious Hazard  
 4: Severe Hazard

**HMIS III Ratings**

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>
<b>PROTECTIVE EQUIPMENT</b>	<b>B</b>

**NFPA Ratings**



**SDS:** Fizzion Lane Cleaner

**Product ID:** #156-8500B

**SDS Revision Level:** 2.0

**SDS Revision Date:** 8 May 2015

**Revision Reason(s):** Updated language for GHS compliance

**Notice to Reader:**

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