



**Section 1: Identification**

**Product identifier:** Micro Striker Bowling Ball Cleaner

**Other Means of identification**

**Part Number(s):** 156-8860, 156-8861

**Recommended Use:** Bowling ball cleaner; multi-surface cleaner

**Restrictions on Use:** Uses other than those stated, for industrial/professional use only

**Manufacturer:** Kegel LLC  
1951 Longleaf Blvd  
Lake Wales, FL 33859, USA

**Emergency Phone:** (863) 734-0200 (available from 8 AM – 5 PM EST)  
(800) 280-2695 (24 hours; call forwarding service available during non-business hours)

**Email:** [SDS@kegel.net](mailto:SDS@kegel.net)

**Section 2: Hazard(s) identification**

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

<b>Physical Hazards:</b>	Not classified	
<b>Health Hazards:</b>	Acute toxicity (inhalation)	Category 3
	Skin corrosion	Category 1
	Eye damage	Category 1
	Specific target organ toxicity – single exposure	Category 3
<b>Environmental Hazards:</b>	Acute aquatic toxicity	Category 1
	Chronic aquatic toxicity	Category 1

**Label Elements**

**Pictogram(s)/Symbol(s):** GHS06; GHS05; GHS09  
**Signal Word:** Danger



**Hazard statements**

- H331: Toxic if inhaled
- H314: Causes severe skin burns and eye damage
- H318: Causes serious eye damage
- H335: May cause respiratory irritation
- H400: Very toxic to aquatic life
- H410: Very toxic to aquatic life with long-lasting effects

**Precautionary Statements**

- Prevention:**
- P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
  - P271: Use only outdoors or in a well-ventilated area.
  - P260: Do not breathe dust/fume/gas/mist/vapors/spray.
  - P264: Wash hand thoroughly after handling.
  - P280: Wear protective gloves/protective clothing/eye protection/face protection.
  - P273: Avoid release to the environment.
- Response:**
- P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  - P311: Call a poison center/doctor.
  - P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
  - P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
  - P363: Wash contaminated clothing before reuse.
  - P310: Immediately call a poison center/doctor.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312: Call a poison center/doctor if you feel unwell.

P391: Collect spillage.

**Storage:** P405: Store locked up.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

**Disposal:** P501: Dispose of contents and container as required by all local, state, federal and international laws or regulations.

**Hazards not otherwise classified:** None known

**Unknown toxicity:** There are no substances of unknown toxicity in this mixture

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### Section 3: Composition/information on ingredients

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Chemical name	CAS Number	Concentration (%)	Classification*
Citric acid	77-92-9	40	Eye Irritation Category 2/H319
Sodium dichloroisocyanurate dihydrate	51580-86-0	30	Skin Corrosion Category 1C/H314 Eye Damage Category 1/H318 Acute Toxicity (Inhalation) Category 2/H330 Acute Toxicity (Oral) Category 4/H302 Specific Target Organ Toxicity – Single Exposure (STOTSE) Category 3/H335 Acute Aquatic Toxicity Category 1/H400 Chronic Aquatic Toxicity Category 1/H410
Sodium carbonate	497-19-8	25	Eye Irritation Category 2/H319
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	68081-81-2	3	Acute Toxicity (Oral) Category 4/H302 Skin Irritation Category 2/H315 Eye Damage Category 1/H318
Alcohols, C12-14-secondary, ethoxylated	Mixture	2	Acute Toxicity (Oral) Category 4/H302 Acute Toxicity (Inhalation) Category 4/H332 Skin Irritation Category 2/H315 Eye Damage Category 1/H318

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

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### Section 4: First-aid measures

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#### Description of first aid measures

**Skin Contact:** Wash skin with soap and water. Remove any contaminated clothing and wash clothing before reuse. If irritation persists, seek medical attention.

**Eye Contact:** 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. Seek medical attention as necessary. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove victim to fresh air. 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 may lead to skin irritation by dermatitis including swelling, redness, drying, itching and cracking.

**Eye Contact:** Harmful effects are not expected from short periods of contact. Eye irritation including redness and tearing may occur. Corneal inflammation may also occur.

**Ingestion:** Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury. Ingestion may cause gastrointestinal irritation, nausea and diarrhea. Product ingested in large quantities in concentrated form may cause toxic effects.

**Inhalation:** This product is not likely to cause an inhalation hazard at normal temperatures and pressures. Inhalation of mist or spray may be harmful and may cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of mist at airborne levels above the recommended exposure limit. Aspiration may cause pulmonary edema or aspiration pneumonia.

**Indication of immediate medical attention and special treatment needed**

If you feel unwell, seek medical advice/attention. Show physician this safety data sheet.

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**Section 5: Fire-fighting measures**

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**Extinguishing media**

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

**Unsuitable:**

**Specific hazards arising from chemical:** Pressure increases may cause container to burst and material may spatter.

**Special firefighting procedures:** Use water spray to cool fire-exposed containers and structures.

**Special protective equipment and precautions 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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**Section 6: Accidental release measures**

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**Personal precautions, protective equipment and emergency procedures:** Wear protective clothing including gloves and eye protection when taking up spills. Eliminate any ignition sources. Evacuate untrained personnel.

**Methods and materials for containment and cleaning up:** Floor may be slippery. Use care to avoid falling. Cover drains and use spill dams to prevent material from spreading. Absorb large spills on an inert material such as sand 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. Small spills can be mopped away with water. Never return spills to original container for re-use.

**Environmental precautions:** Prevent from entering sewers or drains.

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

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**Section 7: Handling and storage**

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**Precautions for safe handling:** Keep containers tightly closed to prevent contamination. Wear suitable personal protective equipment including gloves and splash resistant eye protection. Wash hands after use.

**Conditions for safe storage, including any incompatibilities:** Normal precautions should be followed in handling and storage. Keep away from heat and flame. Keep container tightly closed. Freezing of product may rupture container. Product shelf life is best retained by storage between 20°C and 32°C (68°F - 90°F).

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**Section 8: Exposure controls/personal protection**

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**Occupational exposure limits/standards**

Chemical name	Type	Limit values	Source
Nuisance dust	PEL	15 mg/m <sup>3</sup> (TWA)	OSHA Table Z-1

**Appropriate engineering controls:** Mechanical ventilation is suggested but not normally necessary under normal usage of product.

**Individual protection measures, such as personal protective equipment**

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

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

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

**General hygiene considerations:** 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.

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## Section 9: Physical and chemical properties

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### Information on basic chemical and physical properties

**Appearance:** White powder/solid tablet

**Odor:** Fresh, clean odor

**Odor threshold:** Not determined

**pH:** 6.5 @ 20°C (dissolved tablet)

**Melting point/freezing point:** Not determined

**Initial boiling point/boiling range:** Not determined

**Flash point:** will not burn

**Evaporation rate:** Not determined

**Flammability (solid, gas):** Not determined

**Upper/lower flammability or explosive limits:** Not determined

**Vapor pressure:** Not determined

**Vapor density:** Not determined

**Relative density (H<sub>2</sub>O=1):** 1.05 @ 20°C (dissolved tablet)

**Solubility in H<sub>2</sub>O:** Soluble

**Partition coefficient (n-octanol/water):** Not determined

**Auto ignition temperature:** Not determined

**Decomposition temperature:** Not determined

**Viscosity:** Not determined

**Explosive properties:** Not determined

**Oxidizing properties:** Not determined

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## Section 10: Stability and reactivity

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**Reactivity:** Non-reactive when used according to specifications

**Chemical stability:** Stable under normal ambient conditions

**Possibility of hazardous reaction:** None under conditions of normal use

**Conditions to avoid:** Avoid high heat, flames and sparks as a precaution.

**Incompatible materials:** Product is normally unreactive.

**Hazardous decomposition products:** Burning can produce various oxides and vapors that are potentially dangerous to health.

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## Section 11: Toxicological information

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### Information on toxicological effects

This product has not undergone animal lab testing to determine toxicity. Toxicological data and local effects provided for primary substance(s) in the mixture.

Chemical Name (CAS #)	Oral LD50	Dermal LD50	Inhalation LC50
Citric acid (77-92-9)	5400 mg/kg (mouse)	2000 mg/kg (rat)	---
Sodium dichloroisocyanurate dihydrate (51580-86-0)	1823 mg/kg (rat)	>2000 mg/kg (rabbit)	0.27 mg/L; 4hr (rat)
Sodium carbonate (497-19-8)	2800 mg/kg (rat)	2000 mg/kg (rat)	2.3 mg/L (rat)

### Information on likely routes of exposure and toxicological effects

**Skin irritation:** Prolonged or repeated contact may lead to skin irritation by dermatitis.

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

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

**Ingestion:** Ingestion of product may cause nausea, vomiting and diarrhea.

### Symptoms related to the physical, chemical and toxicological characteristics

Product can cause skin irritation, drying and/or cracking. Contact with eyes can produce tearing, redness and stinging.

### Delayed and immediate effects and also chronic effects from short- and long-term exposure

**Short-term exposure:** Potential immediate effects: No data

Potential delayed effects: No data

**Long-term exposure:** Potential immediate effects: No data

Potential delayed effects: No data

Potential chronic health effects: No data

### Acute toxicity

**Oral:** May be harmful if swallowed (category 5)

**Dermal:** May be harmful in contact with skin (category 5)

**Inhalation:** Toxic if inhaled (category 3)

**Skin sensitization:** Not applicable  
**Respiratory sensitization:** Not applicable  
**Specific target organ toxicity - single exposure:** May cause respiratory irritation (category 3)  
**Specific target organ toxicity - repeated exposure:** Not applicable  
**Aspiration hazard:** Not applicable

#### Chronic toxicity

**Carcinogenicity:** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.  
**IARC Monographs Overall Evaluation of Carcinogenicity:** Not listed  
**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052):** Not regulated  
**US National Toxicology Program (NTP) Report on Carcinogens:** Not listed  
**Reproductive toxicity:** Not classified  
**Numerical measures of toxicity:** The following values are calculated based on chapter 3.1 of the GHS document  
**ATEmix (oral):** 2621 mg/kg  
**ATEmix (dermal):** 2038 mg/kg  
**ATEmix (inhalation-dust/mist):** 0.78 mg/l

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#### Section 12: Ecological information

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**Ecotoxicity:** There is no ecotoxicity data available for this product.  
**Persistence and degradability:** No data available  
**Bioaccumulative potential:** No data available  
**Mobility in soil:** No data available  
**Other adverse effects:** None known

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#### Section 13: Disposal considerations

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**Disposal instructions:** Dispose of contents/container in accordance with appropriate local/state/federal/international environmental control regulations.  
**Recommendations:** Collect and reclaim or dispose in sealed containers at a licensed waste disposal site. The material may be collected at a licensed and approved chemical collection and disposal facility. Empty containers should be taken to an approved waste facility for recycling or disposal.

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#### Section 14: Transport information

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	<b>DOT (US Road/Rail Transport)</b>	<b>IMDG/IMO (Sea Transport)</b>	<b>IATA/ICAO (Air Transport)</b>
<b>UN Number</b>	Not regulated	UN3077	Not regulated in inner or single packages of ≤5kg (IATA Special Provision A197)
<b>UN Proper Shipping Name</b>	Not regulated	Environmentally Hazardous Substance, Solid, n.o.s. (Sodium dichloroisocyanurate dihydrate), Marine Pollutant	Not regulated
<b>Transport hazard class</b>	Not regulated	Class 9	Not regulated
<b>Packing group</b>	None	PGIII	None
<b>Environmental hazards</b>	None	Marine Pollutant	None

**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable  
**Special precautions for user:** Always transport in closed containers that are upright and secure to prevent accidental spillage.

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#### Section 15: Regulatory information

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**Safety, health, and environmental regulations/legislation specific for the substance/mixture**

**US federal regulations:** This product is classified as a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpart D):** Not regulated

**CERCLA Hazardous Substance List (40 CFR 302.4):** Not regulated

**SARA 304 Emergency release notification:** Not regulated

**US OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052):** Not regulated

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories:**  
Fire hazard – No  
Pressure hazard – No  
Reactivity hazard – No  
Immediate-Acute health hazard – Acute toxicity, skin irritation, eye damage  
Delayed-Chronic health hazard – No

**SARA 302/304 Extremely hazardous substance:** Not regulated

**SARA 313 (TRI reporting):** Not regulated

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List:** Not regulated

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):** Not regulated

**Clean Water Act (CWA) Section 112(r) (40 CFR 68.130):** Not regulated

**Safe Drinking Water Act (SDWA):** Not regulated

**US state regulations**

**US California Controlled Substances CA Department of Justice (California Health and Safety Code Section 11100):** Not listed

**US California Proposition 65:** This product does not contain any substances currently listed as carcinogens or reproductive toxins.

**US New Jersey RTK:** No listed chemicals

**US Massachusetts RTK Substance List:** Sodium dichloroisocyanurate dihydrate listed

**US Pennsylvania Worker and Community Right-to-Know Law:** Sodium dichloroisocyanurate dihydrate listed

**US Rhode Island RTK:** No listed chemicals

**US New York RTK:** No listed chemicals

**US Minnesota RTK:** No listed chemicals

#### International Inventories

Country/Region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substance List (DSL)	Yes
Canada	Non-Domestic Substance List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	EC Inventory	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory (NZIoC)	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Inventory (TCSI)	Yes
United States	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A “yes” indicates that all components of this product comply with inventory requirements administered by the governing country(s).

A “no” indicates that one or more of the components of the product are not listed or are exempt from listing on the inventory administered by the governing country(s).

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#### Section 16: Other information, including date of preparation or last revision

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

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H330: Fatal if inhaled  
 H332: Harmful if inhaled.  
 H335: May cause respiratory irritation  
 H400: Very toxic to aquatic life  
 H410: Very toxic to aquatic life with long-lasting effects

**HMIS III Rating**

Health: 2  
 Flammability: 0  
 Physical Hazard: 1  
 Personal Protective Equipment (PPE): B

**NFPA Rating**

Health: 2  
 Flammability: 0  
 Reactivity: 1  
 Special Hazards: None

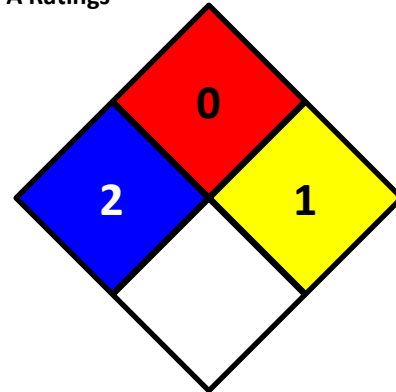
**Hazard Rating Legend**

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

**HMIS III Ratings**

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<b>1</b>
<b>PPE</b>	<b>B</b>

**NFPA Ratings**



**SDS:** Micro Striker Bowling Ball Cleaner

**Product ID:** 156-8860, 156-8861

**SDS Revision Level:** 1.0

**SDS Revision Date:** 2 June 2020

**Revision Reason(s):** New SDS

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