

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

Product Name: Jackson Galaxy Fizzion Pet Stain & Odor Remover Tablet
Other Means of ID: None
Part numbers: 00894275002549 (156-8972E); 10894386002546 (156-8976E); 00894386002556 (156-8978); 10894386002553 (156-8978C)
Recommended Use: Household Stain & Odor Remover 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): GHS08; GHS07

Signal Word: Danger

Reproductive Toxicity Category 1B

Acute Toxicity (Oral) Category 4

Acute Toxicity (Inhalation-Dust/Mist) 4

Eye Irritant Category 2

Skin Irritant Category 2

Hazard statements

H360: May damage fertility or the unborn child.

H332: Harmful if inhaled.

H302: Harmful if swallowed.

H319: Causes serious eye irritation.

H315: Causes skin irritation.

Precautionary Statements

Prevention: P101: If medical advice is needed, have product container or label at hand.
 P102: Keep out of reach of children.
 P201: Obtain special instructions before use.
 P202: Do not handle until all safety precautions have been read and understood.
 P261: Avoid breathing dusts.
 P264: Wash hands thoroughly after handling.
 P270: Do not eat, drink or smoke when using this product.
 P271: Use only outdoors or in a well-ventilated area.
 P280: Wear protective gloves and eye protection (safety glasses or goggles).
 P281: Use personal protective equipment as required.

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.
 P312: Call a poison center or doctor/physician if you feel unwell.
 P321: No specific treatment is anticipated.
 P332+P313: If skin irritation occurs, get medical attention.
 P362: Take off contaminated clothing and wash before reuse.
 P301+P312: If swallowed, call a poison center or doctor/physician if you feel unwell.
 P330: Rinse mouth
 P308+P313: If exposed or concerned, get medical attention.
 P304+P340: If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Storage: P405: Store locked up.

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

Hazards not otherwise classified: None

Unknown Toxicity: 1% of the mixture consists of ingredients(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	27-30 ⁺	201-069-1	Xi; R36/37/38
Sodium bicarbonate	144-55-8	19-23 ⁺	205-633-8	---
Sodium carbonate	497-19-8	16-20 ⁺	207-838-8	Xi; R36
Sodium peroxoborate	10332-33-9	12-15 ⁺	---	---
Surfactant blend	Proprietary	5-11 ⁺	---	---
Fragrance compound	Proprietary	0-1 ⁺	---	---

*Exact percentages (concentrations) and/or specific chemical identity have been withheld as trade secret



Kegel LLC

**Product: Jackson Galaxy Fizzion Pet Stain & Odor
Remover Tablet**

Safety Data Sheet

Revision: 2.0 4 August 2017

*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.

Indication of Immediate Medical Attention and Special Treatment Needed

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

5. Fire Fighting Measures

Flash Point: Will not burn

Method: N/A

Extinguishing Media

Suitable: Use CO₂, dry powder, universal-type foam, and water fog

Unsuitable: Use of water spray may be inefficient.

Specific Hazards Arising from Chemical: Material may splatter if temperature exceeds boiling point. Polymer film can burn. Thermal decomposition can lead to release of irritating gases and vapors.

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.

6. Accidental Release Measures

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. Dust can be disposed as waste or dissolved in water and disposed.

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

7. Handling and Storage

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).

8. Exposure Controls/Personal Protection

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



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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
Nuisance Dust	OSHA PEL/TWA	15 mg/m ³	

9. Physical and Chemical Properties

Appearance: White, powder/solid tablet

Odor: Fresh/clean odor

Odor threshold: Not determined

Specific Gravity (H₂O): 1.036 @ 22.5°C(dissolved tablet)

pH: 7.07 (dissolved tablet)

Melting/freezing point: Not determined

Initial boiling point/boiling range: Not determined

Solubility in H₂O: 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

Thermal decomposition/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 Combustion 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 based on primary ingredient(s)/component(s):

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Citric acid (77-92-9)	3 g/kg (rat)	---	---
Sodium hydrogencarbonate (144-55-8)	7.3 g/kg (rat)	---	4.74 mg/L (rat)
Sodium carbonate (497-19-8)	2800 mg/kg (rat)	>2000 mg/kg (rabbit)	800 mg/m ³ (Guinea pig)
Sodium peroxoborate (10332-33-9)	780 mg/kg (rat)	>10,000 mg/kg (rabbit)	---

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.

Exposure effects (Delayed, immediate, and chronic from short and long-term exposure)

Reproductive Toxicity: Contains a known or suspected reproductive toxin

STOT Repeated Exposure Target Organ Effects: Eyes, respiratory system, reproductive system, kidney

STOT Repeated Exposure Chronic Toxicity: Contains a known or suspected reproductive toxin. Possible risk of irreversible effects.

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

ATEmix (oral): 1,796 mg/kg

ATEmix (dermal): 27,500 mg/kg

ATEmix (inhalation-dust/mist): 2.07 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 available for ingredients. 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

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.
 S24/25: Avoid contact with skin and eyes.
 S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S37/39: Wear suitable gloves and eye/face protection.

16. Other Information

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

- Xi: Irritant
 R36/37/38: Irritating to eyes, respiratory system and skin.

HMIS III Rating

Health: 2
 Flammability: 0
 Physical Hazard: 1
 PPE: B

NFPA Rating

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

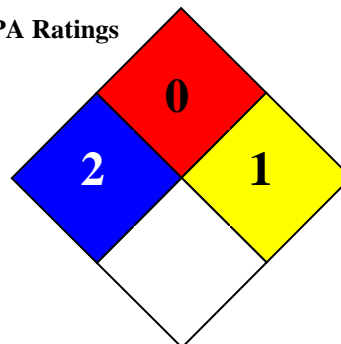
Hazard Rating Legend

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

HMIS III Ratings

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	1
PROTECTIVE EQUIPMENT	B

NFPA Ratings



SDS: Jackson Galaxy Fizzion Pet Stain & Odor Remover Tablet

SDS Revision Level: 2.0

SDS Revision Date: 4 August 2017

Revision Reason(s): Updated Regulatory Information

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