

## Notice of Weed Control Application

**Date of Application:** April 12, 2026

**Location:** Stonebridge Park

**Reason for Application:** Treat all turf areas for broadleaf weeds and miscellaneous grass types growing in the Bermuda grass.

**Product Manufacturer Name:** Katana Turf Herbicide

-EPA registration no. 71512-12-2217

-Active ingredients: Flazasulfuron

-Signal word: Caution

-Precautionary statement: Hazards to humans and domestic animals. Harmful if swallowed or absorbed through the skin. Avoid Contact with skin, eyes or clothing.

**\*Playground will be closed**

**\*Attached is the Product Label and Safety Data Sheet**

**\*Dates are subject to change due to weather**



# Katana<sup>®</sup>

## TURF HERBICIDE

<b>ACTIVE INGREDIENT:</b>	<b>By Wt.</b>
Flazasulfuron*	25.0%
<b>OTHER INGREDIENTS:</b>	<b>75.0%</b>
	<b>TOTAL 100.0%</b>

\*N-[[[4,6-dimethoxy-2-pyrimidinyl] amino]carbonyl]-3-(trifluoromethyl)-2-pyridinesulfonamide.  
Contains 0.25 pounds active ingredient per pound of formulated product.

### KEEP OUT OF REACH OF CHILDREN CAUTION

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand the label, find some one to explain it to you in detail.)

READ ENTIRE LABEL CAREFULLY AND USE ONLY AS DIRECTED.

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful, if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing.

<b>First Aid</b>	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor for treatment immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOT LINE NUMBER:</b> For 24-Hour Medical Emergency Assistance call 1-877-800-5556.	

#### Personal Protective Equipment (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks, protective eyewear and chemical resistant gloves made of any waterproof material.

#### User Safety Requirements

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### User Safety Recommendations

- Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
  - Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
  - Users should remove PPE immediately after handling the product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### Environmental Hazards

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate.

This product may contaminate water through drift of spray in wind, or drift of soil from treated areas. This product has a high potential for runoff for several weeks after application. Poorly drained soils and soils with shallow water tables are more prone to produce runoff that contains this product. Avoid applying this product to ditches, swales, and drainage ways. Runoff of this product would be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

There is potential for injury to sensitive plants irrigated with run-off water containing flazasulfuron.

No bee caution required.

#### Physical or Chemical Hazards

Do not use or store near heat or open flame.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

#### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the **Restricted Entry Interval (REI)** of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, chemical-resistant gloves made of any waterproof materials, and shoes plus socks.

Sod and seed farms are within the scope of the Worker Protection Standard.

#### Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides, 40 CFR part 170. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Turf grasses on golf courses, residential sites and other turf areas such as industrial parks, tank farms, professionally managed sports fields and commercial lawns are not within the scope of the Worker Protection Standard. Do not enter or allow others to enter the treated area until sprays have dried.

### Use Information

Katana<sup>®</sup> Turf Herbicide is a selective herbicide for removal of overseeded cool-season grasses as well as control of annual and perennial grasses, sedges, and broadleaf weeds in Bermudagrass, zoysiagrass, buffalograss, centipedegrass, seashore paspalum, and certain other warm-season turfgrasses. This product has post-emergence and some pre-emergence activity. Katana Turf Herbicide may be used on golf courses (fairways, roughs, and tees) and the following turf areas: industrial parks, tank farms, sod farms, seed farms, cemeteries, professionally managed sports fields, commercial turf, and residential turf, limited to targeted, directed spray to weeds only (See specific limitations under "Application Restrictions") for control of cool-season grasses and weeds from tolerant grasses.

Weed growth stops within hours after the application, however symptom progress from discoloration or chlorosis to necrosis generally requires from 3 to 6 weeks. Speed of control is generally a function of weather with faster action during warmer weather and actively growing weeds and turf.

Katana Turf Herbicide controls weeds by inhibiting the acetolactate synthase (ALS) biochemical process. Some weeds may contain naturally occurring populations that are resistant to ALS inhibiting herbicides. Applications of ALS inhibiting herbicides, when used alone, over a period of time may lead to biotypes that are resistant to ALS herbicides. This then leads to a reduction in the level of control obtained through the use of these herbicides. To prevent or delay the build-up of ALS resistant weeds, weed management programs should include the use of appropriate registered herbicides for control of these weeds that have a different mode of action. Applications of herbicides with a different mode of action should be used during the same year or in sequential years.

#### Application Restrictions

- Do not apply Katana Turf Herbicide aerially.
- Do not apply Katana Turf Herbicide through any irrigation system.
- Repeat applications may be made at 2 to 6 weeks after the application for optimum weed control.
- The maximum yearly application rate is 9.0 oz. per acre (0.14 lbs a.i./acre).
- Use only on turfgrasses listed below (unless listed under weeds controlled) or severe injury may result.
- Do not apply to new seeded, sodded or sprigged turfgrass until well established.
- Allow at least 2 weeks from the last application to the time of overseeding when applied at 1.5 oz./A. Allow 4 weeks for rates above 1.5 oz./A.

- Do not plant back another crop (other than turfgrass) in Katana Turf Herbicide treated areas for one year.
- Do not use on golf course putting greens.
- Some ornamental shrubs, plants and trees may be sensitive to Katana Turf Herbicide. Do not make applications that would result in direct contact or accumulation under the dripline of sensitive plants.
- Do not use fresh clippings from treated areas as mulch around trees, shrubs, or in vegetable/flower gardens.
- Do not apply when grasses are under stress as injury may occur.
- Make applications to actively growing weeds and turf.
- Do not apply to saturated turf/soils.
- Do not apply to hydrophobic soils or turfgrass with excessive thatch accumulation, unless thorough aeration has been completed prior to application.
- Maintain a 25 foot buffer between sensitive grasses/plants and the treated area.
- Do not apply this product directly to, or otherwise permit drift or spray mist to come into contact with cotton, legumes, tobacco, garden/vegetable crops, flowers, ornamental plants, shrubs, trees, and other desirable or sensitive plants. Do not apply to exposed roots or shallow rooted trees and shrubs. Be particularly careful not to overdose under the dripline of trees.

#### Use Precautions Around Sensitive Grasses

- Use extreme caution when applying this product to slopes that drain onto sensitive turf grasses such as bentgrass, ryegrass, and Poa trivialis.
- The product should be dry on the leaf surface prior to allowing traffic on the treated area.
- Irrigation is not recommended within 6 hours after the application. However, for the next two mornings after application, if dew is present, irrigate lightly (0.1 to 0.2 inches) to remove the dew.

#### Spray Drift Management

- The applicator must be familiar with the effects of temperature inversions.
- Apply as a medium or coarser spray (ASABE Standard 572).
- AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND GROWER. The interaction of many equipment and weather related factors determines the potential for spray drift. The applicator is responsible for considering all of these factors when making decisions. Where states have more stringent regulations, they must be observed.
- Do not treat areas where either possible downwind movement into the soil or surface washing may cause contact of Katana Turf Herbicide with bentgrass greens and stressed grasses.
- Avoid making applications when spray particles may be carried by air currents to areas where sensitive crops and plants are growing. Do not spray near sensitive plants if wind is gusty, below 2 mph, or in excess of 10 mph and moving in the direction of adjacent areas of sensitive crops or plants. Do not apply during temperature inversions. Always make applications when there is some air movement to determine the direction and distance of possible spray drift. Leave an adequate buffer zone of 25 feet between area to be treated and sensitive plants.
- To avoid injury to desirable plants, equipment used to apply Katana Turf Herbicide should be thoroughly cleaned (see PROCEDURE FOR CLEANING SPRAY EQUIPMENT) before reusing to apply any other chemicals.
- Apply using a nozzle height of no more than 2 feet above the ground or crop canopy.

#### INFORMATION ON DROPLET SIZE

The best drift management strategy is to apply large droplets and to limit or eliminate small droplets. Applying large droplets reduces drift potential, but will not prevent drift if applications are made improperly or under unfavorable environmental conditions (see sections below).

#### CONTROLLING DROPLET SIZE

- Volume - Use sufficient volume to form droplets large enough to avoid drift potential.
- Pressure - Pressure and nozzle type and orientation should be carefully managed to avoid formation of fine droplets.
- Number of nozzles - Use the minimum number of nozzles that provide uniform coverage.
- Nozzle Type - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Properly designed solid stream nozzles should produce the lowest drift potential. Select nozzles, which do not have a wide discharge profile.

#### CALIBRATION

Equipment should be calibrated regularly according to the manufacturer's specifications.

#### WIND

Applications must not be made when wind speed exceeds 10 mph. Use caution when applying in wind speeds less than 2 to 3 mph because a temperature inversion may be present and wind direction may vary. Many factors, including droplet size and equipment, determine drift potential at any wind speed. The applicator must be familiar with local wind patterns and must monitor wind conditions at the site at time of application.

#### SENSITIVE AREAS

It is the applicator's responsibility to exercise reasonable prudence when considering the potential for drift into any area, including sensitive areas (e.g. areas where people or non-target plants may be present, bodies of water, known habitat for threatened or endangered species, etc.).

#### TEMPERATURE AND HUMIDITY

Low humidity and high temperature increase the evaporation rate of droplets and therefore increase spray drift potential. The applicator should compensate for temperature and humidity.

#### TEMPERATURE INVERSIONS

Because of high drift potential, applications must not be made when droplets may reach a temperature inversion layer. It is the applicator's responsibility to identify the presence of a temperature inversion at the time of application. Accurate measurements of temperature, relative humidity, and wind speed help determine if an inversion exists. Local sources of weather information may help identify the presence of temperature inversions.

#### Mixing and Loading Instructions

Ensure the spray system is clean and free of residues from previous applications. Fill the spray tank 1/2 full with clean water. Ensure the agitation system is operating and sufficient to provide uniform spray mixing during application and until the spray tank has been emptied. Add the appropriate amount of this product to the spray tank. Complete filling the spray tank to the desired level.

Prepare no more spray mixture than is needed for the immediate application. Avoid the overnight storage of Katana Turf Herbicide spray mixtures.

#### Tank Mixtures

Katana Turf Herbicide may be tank mixed with most herbicides registered for use on labeled turfgrasses. Read and follow all manufacturer's label directions and restrictions for the companion product. Katana Turf Herbicide is generally compatible with other insecticides (non-organophosphate), fungicides, fertilizers and micronutrient products provided sufficient free water is available for dispersion of all the tank mix products. However, the physical compatibility of Katana Turf Herbicide with tank mix partners should be evaluated before use. Use tank-mix combinations only when applicator experience indicates that the tank mix will not result in objectionable turf injury.

The following have shown improved weed control in tank mixtures: Speedzone®, Trimec® Classic and Trimec® Plus, MSMA, 2,4-D Amine, Sencor®, Drive®, Pendimethalin.

For tank mixtures, add individual components to the spray tank in the following sequence: water, water dispersible granules (this product), water-soluble bags, dry flowables, emulsifiable concentrates, drift control additives, water-soluble liquids, and nonionic surfactants

#### Adjuvant Use Requirements

The use of a non-ionic surfactant at 0.25 percent by volume (1 qt/100 gal) provides maximum performance.

#### Spray Equipment Clean Out:

After spraying Katana Turf Herbicide and before using sprayer equipment for any other applications, the sprayer must be thoroughly cleaned using the following procedure.

1. Drain tank; thoroughly rinse inside of spray tanks with clean water (rinse about 1 minute per 25 gallons of tank capacity). Loosen and physically remove any visible deposits with a stiff brush.
2. Fill the tank with clean water and add 1 gallon of household ammonia (contains 3% active) for every 100 gallons of water. Circulate the cleaning solution through the tank and hoses for at least 15 minutes. Flush the cleaning solution through the hoses, boom and nozzles (1/4 volume of tank capacity) and then drain the tank.
3. Repeat step 1.
4. Repeat step 2.
5. Remove the nozzles and screen and clean separately in a bucket containing cleaning agent and water.
6. Rinse the tank, boom and hoses with clean water.
7. If only ammonia is used as a cleaner, the rinsate solution from both steps 2 and 4 may be applied back to the crop as recommended on the label. Do not exceed the maximum label use rate. If other cleaners are used, consult the cleaner label for rinsate disposal instructions. If no instructions are given, dispose of the rinsate on site or at an approved waste disposal facility.  
(Attention: Do Not use Chlorine bleach with ammonia as a dangerous gas will form).

#### Application Information

##### All Specified Application Sites Except Residential Turfgrass

**Rainfastness:** Rainfall of one inch or greater within 3 hours of application to sensitive weeds and within 6 hours of application to less sensitive or larger weeds may necessitate reapplication of Katana Turf Herbicide or may result in reduced weed control.

**Broadcast:** Katana Turf Herbicide may be applied as a broadcast treatment in a minimum of 20 gallons of water per acre. Higher spray volumes of 60 to 174 gallons of water per acre are recommended where weed populations are dense or with adverse growing conditions. See below for use rates.

**Spot Treatments With Backpack Sprayers:** Dissolve 0.03 to 0.068 oz. (1 to 2 grams) of Katana Turf Herbicide per 1 gallon of water, add 1 teaspoon of a nonionic surfactant and spray mixture at a rate of 1 gallon per 1000 sq. ft. If needed for hard-to-control weeds, retreat in 3-4 weeks. (See specific weed application rates below).

##### Residential Turfgrass Application Sites

Residential turfgrass sites are limited to targeted or spot treatment with the spray directed to the weeds. Spot treatments are limited to not more than 10% of a residential lawn.

**Spot Treatments with Backpack Sprayers:** Dissolve 0.03 to 0.068 oz (1-2 grams) of Katana Turf Herbicide per 1 gallon of water, add 1 teaspoon of a nonionic surfactant and spray mixture at a rate of 1 gallon per 1,000 sq. ft. If needed for hard-to-control weeds, retreat in 3-4 weeks. (See specific weed application rates below).

**Turfgrass Species which may be Treated**  
**Bermudagrass, Buffalograss, Zoysiagrass, Centipedegrass,**  
**Seashore Paspalum, and Certain Other Warm-Season Turfgrasses\***

**Turf Tolerance**

Katana Turf Herbicide may be used on the following warm-season established turfgrass cultivars:

**Bermudagrass\*:** Champion, Common, Midiron, MS Express, MS Supreme, Princess, Quickstand, Riviera, Sahara, TifSport, Tifway 419, TifGreen 328, Vamont, Yukon.  
**NOTE:** Unacceptable injury may occur on FloraDwarf, TifDwarf and TifEagle.

**Buffalograss\***

**Zoysiagrass\*:** Common, Emerald, El Toro, Meyer.

**Centipedegrass:** Maximum use rate of 1.5 oz/A (0.02 lbs. a.i./acre) to fully green, actively growing turf. Do not apply during spring and fall transition.

**Seashore Paspalum\*\*:** For weed control, seedhead suppression and growth suppression, use a maximum rate of 1.5 oz/A to fully green, actively growing turf. Do not apply during spring and fall transition.

- Expect some turf discoloration approximately 2 weeks after application
- Expect up to 80% seedhead suppression and expect growth suppression (60 to 80% clipping reduction) for up to 4 weeks. Actual results will depend upon environmental conditions before, during and after application
- Wait at least 4 weeks between applications
- Maximum of three (3) applications per year
- The use of Katana Turf Herbicide with urea based fertilizer may result in unacceptable injury to seashore paspalum.
- Maintain healthy turfgrasses before and after applications
- Always irrigate stressed turf prior to application of Katana Turf Herbicide.

Tank-mixing with trinexapac-ethyl (Primo MAXX®) during active growth may improve Seashore Paspalum quality (golf course fairways).

\*Other cultivars should be tested on a small area to determine tolerance prior to large scale use.  
 \*\*All cultivars should be tested on a small area to determine tolerance prior to large scale use.

**Other warm-season grasses such as Argentine Bahiagrass, Carpetgrass, and St. Augustinegrass are intolerant.**

**Cool-season grasses such as Ryegrass, Fescue, Bentgrass and Kentucky Bluegrass are intolerant.**

**Removal of overseeded cool-season turfgrass from listed warm-season turfgrasses**

Species Controlled	Product Application Rate Ounces per 1,000 sq. ft.	Product Application Rate Ounces per acre	Spray Volume
Perennial ryegrass	0.011 to 0.034	0.5 to 1.5	20 to 174 gal/Acre or 0.46 to 4 gal/1000 sq. ft.
Italian (annual) ryegrass	0.034	1.5	
<i>Poa trivialis</i>	0.051 to 0.068	2.25 to 3.0	

Note: Applications for spring transition do not negatively impact Bermudagrass greenup. Katana Turf Herbicide shows a slight rate response with control occurring within 3 to 4 weeks after the application with the highest labeled rate giving better and faster control. Therefore, the Bermudagrass or zoysiagrass turf should be at 50 to 60% greenup at the time of the application for optimal maintenance of a green turf situation.

**Adjuvant Use Requirements**

The use of a non-ionic surfactant at 0.25 percent by volume (1 qt/100 gal) provides maximum performance.

**Instructions for Specific Weed Control Situations**

**Removal of volunteer cool-season grasses from listed warm-season turfgrasses**

Species Controlled	Product Application Rate Ounces per 1,000 sq. ft.	Product Application Rate Ounces per acre	Spray Volume
Volunteer Ryegrass (clumpy ryegrass)	0.034 to 0.068	1.5 to 3.0	20 to 174 gal/Acre or 0.46 to 4 gal/1000 sq. ft.
Tall Fescue	0.034	1.5	

Katana Turf Herbicide shows a slight rate response with the highest labeled rate giving better and faster control.

**Adjuvant Use Requirements**

The use of a non-ionic surfactant at 0.25 percent by volume (1 qt/100 gal) provides maximum performance.

**Removal of Kyllingias and Sedges from listed warm-season turfgrasses**

Species Controlled	Product Application Rate Ounces per 1,000 sq. ft.	Product Application Rate Ounces per acre	Spray Volume
Kyllingias (green, false-green, cockscomb and fragrant)	0.034 to 0.051	1.5 to 2.25	20 to 174 gal/Acre or 0.46 to 4 gal/1000 sq. ft.
Sedges (annual, globe, and yellow nutsedge)*	0.034 to 0.068	1.5 to 3.0	
Sedges: (purple nutsedge, cylindrical and rice flatsedge)**	0.068	3.0	

\*Repeat applications at 4 weeks may be necessary for new growth and consistent, long-term control.  
 \*\*Repeat applications at 4 weeks are necessary for new growth and consistent, long-term control.

**Adjuvant Use Requirements**

The use of a non-ionic surfactant at 0.25 percent by volume (1 qt/100 gal) provides maximum performance.

**Removal of annual bluegrass (*Poa annua*) from listed warm-season turfgrasses**

**Katana Turf Herbicide + Urea Nitrogen (46-0-0)**

Katana Turf Herbicide can be used at reduced rates when applied in conjunction with urea nitrogen\*. The nitrogen should be in the form of urea 46-0-0 for improved control of *Poa annua*.

1. Apply soluble urea fertilizer in a tank-mix with Katana Turf Herbicide.  
OR
2. Apply as a granular urea fertilizer within 1 day before or within 1 day after application of Katana Turf Herbicide.

Product	Product Application Rate Ounces per 1,000 sq. ft.	Product Application Rate Ounces per acre	Spray Volume
Katana Turf Herbicide + Urea (46-0-0)	0.023 to 0.034 oz + 0.54 to 1.63 lb of urea per 1000 sq.ft. (or 0.25 to 0.75 lb actual N)	1.0 to 1.5 oz/acre + 24 to 71 lb of urea per acre (or 11 to 33 lb actual N)	20 to 174 gal/Acre or 0.46 to 4 gal/1000 sq. ft.

Adjuvant Use Requirement: Katana Turf Herbicide plus nitrogen mixes must be applied with a non-ionic surfactant at 0.25 percent by volume (1 qt/100 gal) to provide maximum performance.

**Adjuvant Use Requirements**

The use of a non-ionic surfactant at 0.25 percent by volume (1 qt/100 gal) provides maximum performance.

\*Seashore paspalum: The use of Katana Turf Herbicide with urea based fertilizer may result in unacceptable injury to seashore paspalum.

**Katana Turf Herbicide used *without* urea nitrogen**

Species Controlled	Product Application Rate Ounces per 1,000 sq. ft.	Product Application Rate Ounces per acre	Spray Volume
Annual Bluegrass ( <i>Poa annua</i> )	0.068	3.0	20 to 174 gal/Acre or 0.46 to 4 gal/1000 sq. ft.

Applications made in the spring provide the best control. Applications made in the fall or winter seasons are slightly less effective.

**Adjuvant Use Requirements**

The use of a non-ionic surfactant at 0.25 percent by volume (1 qt/100 gal) provides maximum performance.

**Rate Table For Weed Control (Quick-view)**

Katana Turf Herbicide may be applied at rates from 1.5 to 3.0 oz/A for control of a large number of grass, sedge and broadleaf weeds. Broadcast applications must not exceed 0.068 oz per 1000 sq. ft. or 3.0 oz/A per application, with a maximum of three applications per season (9.0 oz. of product/season or 0.14 lbs. a.i./acre). Some difficult to control weeds may require multiple applications. For best control apply Katana Turf Herbicide to grass and sedge weeds prior to initial tillering and when broadleaf weeds are young and actively growing.

Weed Species Controlled	Product Application Rate Ounces per 1,000 sq. ft.	Product Application Rate Ounces per acre	Spray Volume Gallons per acre
American burnweed	0.034	1.5	20 to 174 gal/Acre or 0.46 to 4 gal/1000 sq. ft.
Barnyardgrass	0.068	3.0	
Black medic	0.034	1.5	
Blue-eyed grass	0.034	1.5	

(cont. on next page)

Weed Species Controlled	Product Application Rate Ounces per 1,000 sq. ft.	Product Application Rate Ounces per acre	Spray Volume Gallons per acre
Bluegrass, annual ( <i>Poa annua</i> )	See specific directions above		20 to 174 gal/Acre or 0.46 to 4 gal/ 1000 sq. ft.
Bluegrass, roughstalk ( <i>Poa trivialis</i> )	0.051 to 0.068	2.25 to 3.0	
Bristly mallow	0.034	1.5	
Carolina geranium	0.034	1.5	
Catsear dandelion	0.034 to 0.068	1.5 to 3.0	
Chamberbitter	0.034 to 0.068	1.5 to 3.0	
Common chickweed	0.034	1.5	
Common periwinkle	0.034 to 0.068	1.5 to 3.0	
Common vetch	0.034	1.5	
Crabgrass, smooth (<4 leaf stage of growth)	0.068	3.0	
Crabgrass, southern	0.034 to 0.068	1.5 to 3.0	
Cutleaf eveningprimrose	0.068	3.0	
Dandelion	0.068	3.0	
Dogfennel	0.034	1.5	
Field madder	0.068	3.0	
Field pansy	0.034	1.5	
Hairy bittercress	0.034	1.5	
Hard fescue	0.068	3.0	
Henbit	0.034	1.5	
Japanese honeysuckle	0.034	1.5	
Kyllinga, cocks-comb	0.034 to 0.051	1.5 to 2.25	
Kyllinga, false-green	0.034 to 0.051	1.5 to 2.25	
Kyllinga, fragrant	0.034 to 0.051	1.5 to 2.25	
Kyllinga, green	0.034 to 0.051	1.5 to 2.25	
Large hop clover	0.034	1.5	
Lawn burweed	0.034	1.5	
Mouse-ear chickweed	0.034	1.5	
Narrow-leaf blue-eyed grass	0.034	1.5	
Nutsedge, purple*	0.068	3.0	
Nutsedge, yellow**	0.034 to 0.068	1.5 to 3.0	
Parsely-piert	0.034	1.5	
Purple deadnettle	0.068	3.0	
Quackgrass	0.034	1.5	
Rattail fescue	0.034 to 0.068	1.5 to 3.0	
Rice flatsedge*	0.068	3.0	
Ryegrass, Italian (annual)	0.034	1.5	
Ryegrass, perennial (clumpy & volunteer)	0.034 to 0.068	1.5 to 3.0	
Ryegrass, perennial (transition)	0.011 to 0.034	0.5 to 1.5	
Sedge, cylindrical*	0.068	3.0	
Sedge, annual	0.034 to 0.068	1.5 to 3.0	
Sedge, globe	0.034 to 0.068	1.5 to 3.0	
Sicklepod	0.034	1.5	
Slender aster	0.034 to 0.068	1.5 to 3.0	
Southwest bedstraw	0.034	1.5	
Sowthistle	0.034 to 0.068	1.5 to 3.0	

(cont. on next column)

Weed Species Controlled	Product Application Rate Ounces per 1,000 sq. ft.	Product Application Rate Ounces per acre	Spray Volume Gallons per acre
Spotted spurge (partial control)	0.068	3.0	20 to 174 gal/Acre or 0.46 to 4 gal/ 1000 sq. ft.
Sticky chickweed	0.034	1.5	
Swinegrass	0.034	1.5	
Tall fescue	0.034	1.5	
Wandering cudweed	0.068	3.0	
White clover	0.034 to 0.068	1.5 to 3.0	
Wild Violet	0.034	1.5	
Yellow rocket	0.034 to 0.068	1.5 to 3.0	
Yellow woodsorrel	0.068	3.0	

Partial control means good activity, but not always at a level considered commercially acceptable.  
\* Repeat applications at 4 week intervals (up to 3 applications per season) are necessary for new growth and consistent long-term control.  
\*\* Repeat applications at 4 week intervals (up to 3 applications per season) may be necessary for new growth and consistent long-term control.

**Adjuvant Use Requirements**  
The use of a non-ionic surfactant at 0.25 percent by volume (1 qt/100 gal) provides maximum performance.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

**PESTICIDE STORAGE:** Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. To confine spill: Cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Nonrefillable container. DO NOT reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

### WARRANTY AND LIMITATION OF DAMAGES

Seller warrants to those persons lawfully acquiring title to this product that at the time of first sale of this product by Seller that this product conformed to its chemical description and was reasonably fit for the purposes stated on the label when used in accordance with Seller's directions under normal conditions of use, and Buyers and users of this product assume the risk of any use contrary to such directions. TO THE FULLEST EXTENT PERMITTED BY LAW, EXCEPT AS PROVIDED ELSEWHERE IN WRITING CONTAINING AN EXPRESS REFERENCE TO THIS WARRANTY AND LIMITATION OF DAMAGES, SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OR GUARANTEE, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. To the fullest extent permitted by law, in no event shall Seller's liability for any breach of warranty or guaranty exceed the purchase price of the product as to which a claim is made. To the fullest extent permitted by law, buyers and users of this product are responsible for all loss or damage from use or handling of this product which results from conditions beyond the control of Seller, including, but not limited to, incompatibility with other products unless otherwise expressly provided in Directions for Use of this product, weather conditions, cultural practices, moisture conditions or other environmental conditions outside of the ranges that are generally recognized as being conducive to good agricultural and/or horticultural practices.

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551/3-2013 AP021413  
EPA REG. NO. 71512-12-2217

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An Employee-Owned Company  
DISTRIBUTED BY  
PBI/GORDON CORPORATION  
1217 WEST 12TH STREET  
KANSAS CITY, MISSOURI 64101  
www.pbigordon.com

ATTENTION: This specimen label is provided for informational use only. This pesticide product may not yet be available for sale in your state or area. The information found in this label may differ from the information found on the product label you are using. Always follow the instructions for use and precautions on the label of the pesticide you are using.

Issue Date 13-Oct-2014

Revision Date 23-Jan-2020

Version 3

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier.**

**Product Name** KATANA® Turf Herbicide

**Other means of identification**

**Product Code** PBI FP 551-6  
**EPA Pesticide Registration Number** 71512-12-2217

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Herbicide  
**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Supplier Address**  
 PBI-Gordon Corporation  
 P.O. Box 860350  
 Shawnee, KS 66286

**Company Name**  
 PBI-Gordon Corporation  
 P.O. Box 860350  
 Shawnee, KS 66286

**Manufacturer**  
 PBI-Gordon Corporation  
 P.O. Box 860350  
 Shawnee, KS 66286

**Emergency telephone number**

**24 Hour Emergency Phone Number** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Carcinogenicity	Category 1A
Specific target organ toxicity (repeated exposure)	Category 2
Acute Aquatic Toxicity	Category 1
Chronic Aquatic Toxicity	Category 1

**Label elements**

**Emergency Overview**

**Signal word**

Danger

**Hazard statements**

- May cause cancer
- May cause damage to organs through prolonged or repeated exposure
- Very toxic to aquatic life with long lasting effects



**Appearance** Granules

**Physical state** Solid

**Odor** Pleasant

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood

Do not breathe dust/fume/gas/mist/vapors/spray  
Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
IF ON SKIN: Wash with plenty of water and soap  
Take off contaminated clothing and wash it before reuse

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Have the product label with you when calling a poison control center or doctor or going in for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.

**Other information**

Not applicable.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Not applicable.

**Mixture**

Chemical name	CAS-No	Weight-%
Silica	7631-86-9	0-25%
Flazasulfuron	104040-78-0	25

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**Description of first aid measures**

<b>General advice</b>	Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If symptoms persist, call a physician.
<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. If symptoms persist, call a physician.
<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.
<b>Self-protection of the first aider</b>	Wear personal protective clothing (see section 8).

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available

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

**Note to physicians** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media** Carbon dioxide (CO2). Foam. Dry chemical. Water.

**Unsuitable extinguishing media** No information available.

**Specific hazards arising from the chemical** In the event of fire and/or explosion do not breathe fumes. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

**Special protective equipment for fire-fighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** Prevent further leakage or spillage if safe to do so Prevent product from entering drains See Section 12 for additional ecological information Avoid release to the environment Collect spillage Dispose of contents/container to an approved waste disposal plant

**Other information** Refer to protective measures listed in Sections 7 and 8.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Use personal protective equipment as required. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Avoid creating dust.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep in properly labeled containers. Keep out of the reach of children.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Limits**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Silica 7631-86-9	No data available	TWA: 50 µg/m <sup>3</sup> excludes construction work, agricultural operations, and exposures that	IDLH: 3000 mg/m <sup>3</sup> TWA: 6 mg/m <sup>3</sup>

		result from the processing of sorptive clays (vacated) TWA: 6 mg/m <sup>3</sup> <1% Crystalline silica TWA: 20 mppcf : (80)/(%) SiO <sub>2</sub> mg/m <sup>3</sup> TWA	
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**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering controls** Showers  
 Eyewash stations  
 Ventilation systems.

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

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Hand protection** Chemical resistant gloves.

**Skin and body protection** Wear long-sleeved shirt, long pants, socks and shoes.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General hygiene considerations** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state** Solid  
**Appearance** Granules  
**Color** Light brown  
**Odor** Pleasant  
**Odor threshold** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	5.5	1% solution@ 25 °C
Melting point/freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	0.79	
Water solubility	Partially soluble	
Solubility in other solvents	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known

**Other Information**

**Liquid Density** 49.3 pounds/cubic foot

**Bulk density** No information available

## 10. STABILITY AND REACTIVITY

### Reactivity

None known.

### Stability

Stable under recommended storage conditions

### Possibility of hazardous reactions

None under normal processing.

### Hazardous polymerization

Will not occur.

### Conditions to avoid

Keep out of reach of children.

### Incompatible materials

None known based on information supplied.

### Hazardous decomposition products

May emit toxic fumes under fire conditions.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Inhalation** Specific test data for the substance or mixture is not available.

**Eye contact** Specific test data for the substance or mixture is not available.

**Skin contact** Specific test data for the substance or mixture is not available.

**Ingestion** Specific test data for the substance or mixture is not available.

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Silica 7631-86-9	= 7900 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 2.2 mg/L ( Rat ) 1 h
Flazasulfuron 104040-78-0	> 5 g/kg ( Rat )	> 2 g/kg ( Rat )	-

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

**Symptoms** No information available.

### Acute toxicity

#### Numerical measures of toxicity - Product Information

##### Unknown Toxicity

50 % of the mixture consists of ingredient(s) of unknown toxicity

**LD50 Oral** 4694/4908 mg/kg Rat-male Rat-female  
**LD50 Dermal** > 2000 mg/kg (rat)  
**LC50 Inhalation (DUST)** 6.17 mg/L [actual airborne concentration]

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Not irritating.
<b>Serious eye damage/eye irritation</b>	May cause slight irritation.
<b>Respiratory or skin sensitization</b>	Not a skin sensitizer.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	Classification based on data available for ingredients.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	Avoid repeated exposure.
<b>Target Organ Effects</b>	Eyes, Respiratory system.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity** Very toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Silica 7631-86-9	440: 72 h Pseudokirchneriella subcapitata mg/L EC50	5000: 96 h Brachydanio rerio mg/L LC50 static	-	7600: 48 h Ceriodaphnia dubia mg/L EC50

**Persistence and degradability** No information available.

**Bioaccumulation** No information available.

**Other adverse effects** No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Waste from residues/unused products** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse empty containers.

**14. TRANSPORT INFORMATION**

**DOT** For non-bulk packaging (less than 119 gallons) this product is not regulated.  
**UN/ID no.** UN3077  
**Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
**Hazard class** 9  
**Packing group** III  
**Special Provisions** 146, 335, A112, B54, B120, IB8, IP3, N20, N91, T1, TP33, 8  
**Description** UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Flazasulfuron), 9, III, Marine pollutant

**TDG**  
**UN/ID no.** UN3077

<b>Proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
<b>Hazard class</b>	9
<b>Packing group</b>	III
<b>Description</b>	UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Flazasulfuron), 9, III

**MEX**

<b>UN/ID no.</b>	UN3077
<b>Proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
<b>Hazard class</b>	9
<b>Special Provisions</b>	274, 331, 335
<b>Packing group</b>	III
<b>Description</b>	UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Flazasulfuron), 9, III

**ICAO (air)**

<b>UN/ID no.</b>	UN3077
<b>Proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
<b>Hazard class</b>	9
<b>Packing group</b>	III
<b>Special Provisions</b>	A158, A97, A179, A197
<b>Description</b>	UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Flazasulfuron), 9, III

**IATA**

Limited quantity applies when the inner packaging weight is less than 5kg and the gross package weight is less than 30kg.

<b>UN number</b>	UN3077
<b>UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
<b>Transport hazard class(es)</b>	9
<b>Packing group</b>	III
<b>Special Provisions</b>	A158, A179, A97, A197
<b>Description</b>	UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Flazasulfuron), 9, III

**IMDG**

Limited quantity applies when the inner packaging weight is less than 5kg and the gross package weight is less than 30kg.

<b>UN number</b>	UN3077
<b>UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
<b>Transport hazard class(es)</b>	9
<b>Packing group</b>	III
<b>EmS-No.</b>	F-A, S-F
<b>Special Provisions</b>	274, 335, 966, 967, 969
<b>Description</b>	UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (FLAZASULFURON), 9, III, MARINE POLLUTANT

## 15. REGULATORY INFORMATION

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** 71512-12-2217

**Federal Insecticide, Fungicide, Rodenticide Act Regulations**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**EPA Pesticide Label**

Caution. Keep out of the reach of children. Harmful, if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. ENVIRONMENTAL HAZARDS: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate. NON-TARGET ORGANISM ADVISORY This product is toxic to plants and may adversely impact the forage and habitat of nontarget organisms, including pollinators, in areas adjacent to the treated area. Protect the forage and habitat of

non-target organisms by minimizing spray drift. For further guidance and instructions on how to minimize spray drift, refer to the Spray Drift Management section of this label.  
 PHYSICAL OR CHEMICAL HAZARDS: Do not use or store near heat or open flame.

**International Inventories**

<b>TSCA</b>	Not Listed
<b>DSL/NDSL</b>	Not Listed
<b>EINECS/ELINCS</b>	Not Listed
<b>ENCS</b>	Not Listed
<b>IECSC</b>	Not Listed
<b>KECL</b>	Not Listed
<b>PICCS</b>	Not Listed
<b>AICS</b>	Not Listed

**Legend:**

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations**

**U.S. State Right-to-Know Regulations**

**US State Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Silica 7631-86-9	-	X	X

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards 2	Flammability 0	Instability 0	<b>Physical and Chemical Properties - Personal protection X</b>
<b>HMIS</b>	Health hazards 2 *	Flammability 0	Physical hazards 0	
<i>Chronic Hazard Star Legend</i>	* = Chronic Health Hazard			

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of PBI Gordon Corporation's knowledge,

information and belief at the date of this publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process, unless specified in the text. PBI GORDON CORPORATION MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. Given the variety of factors that can affect the use and application of this product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. Each user is also responsible for evaluating the conditions of use and designing the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. PBI Gordon Corporation assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

**End of Safety Data Sheet**