

## SAFETY DATA SHEET

An Employee-Owned Company

Issue Date 27-Feb-2015 Revision Date 30-Jul-2021 Version 4

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

Product identifier.

Product Name Bensumec<sup>™</sup> 4 LF Preemergent Grass & Weed Herbicide

Other means of identification

Product Code PBI FP 8451126
EPA Pesticide Registration Number 2217-696
Product Size 2/2.5 U. S. Gal.

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

<u>Supplier Address</u> <u>Company Name</u> <u>Manufacturer</u>

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

| Acute Oral Toxicity               | Category 4  |
|-----------------------------------|-------------|
| Serious eye damage/eye irritation | Category 2B |
| Germ cell mutagenicity            | Category 1B |
| Carcinogenicity                   | Category 1B |
| Aspiration hazard                 | Category 1  |
| Acute Aquatic Toxicity            | Category 1  |
| Chronic Aquatic Toxicity          | Category 1  |
| Flammable liquids                 | Category 3  |

## Label elements

## **Emergency Overview**

## Signal word

Danger

#### Hazard statements

- Harmful if swallowed
- Causes eye irritation
- May cause genetic defects
- May cause cancer
- Very toxic to aquatic life with long lasting effects
- · May be fatal if swallowed and enters airways
- Flammable liquid and vapor

Appearance Liquid Physical state Liquid Odor Mercaptan

#### **Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Avoid release to the environment

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Keep container tightly closed

Ground/bond container and receiving equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Use explosion-proof electrical/ventilating/lighting/ .? /equipment

Keep cool

#### **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

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

If eye irritation persists: Get medical advice/attention

Call a POISON CENTER or doctor/physician if you feel unwell

If skin irritation occurs: Get medical advice/attention

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Call a POISON CENTER or doctor/physician

Rinse mouth

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Do NOT induce vomiting

In case of fire: Use CO2, dry chemical, or foam for extinction

Collect spillage

#### **Precautionary Statements - Storage**

Store locked up

Store in a well-ventilated place. Keep container tightly closed

## <u>Precautionary Statements - Disposal</u>

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.

<u>Mixture</u>

| Chemical name | CAS-No       | Weight-% |
|---------------|--------------|----------|
| Bensulide     | 741-58-2     | 46       |
| Trade Secret  | Trade secret | 15-40*   |
| Trade Secret  | Trade secret | 10-30*   |
| Trade Secret  | Trade secret | 0.1-1*   |
| Trade Secret  | Trade secret | 0.1-1*   |

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

#### 4. FIRST AID MEASURES

#### **Description of first aid measures**

General advice IF exposed or concerned: Get medical advice/attention. Show this safety data sheet to the

doctor in attendance.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep

eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Skin contact** Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes. If symptoms persist, call a physician.

**Inhalation** Move to fresh air in case of accidental inhalation of vapors or decomposition products.

Aspiration into lungs can produce severe lung damage. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Delayed pulmonary edema may occur. Call a physician.

**Ingestion** Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water.

Never give anything by mouth to an unconscious person. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Call a physician.

**Self-protection of the first aider** Remove all sources of ignition. Ensure that medical personnel are aware of the material(s)

involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid

contact with skin, eyes or clothing.

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 May pose an aspiration pneumonia hazard. Contains petroleum distillates. Exposure to the

active ingredient may cause cholinesterase inhibition. Atropine by injection is antidotal. 2-PAM (Protopam Chloride) is also antidotal when administered early and in conjunction

with atropine.

#### 5. FIRE-FIGHTING MEASURES

<u>Suitable Extinguishing Media</u> Dry chemical. Carbon dioxide (CO2). Alcohol resistant foam.

Unsuitable extinguishing media Water spray.

Specific hazards arising from the

chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire

extinguishing water must be disposed of in accordance with local regulations.

**Explosion data** 

Sensitivity to mechanical impact None. Sensitivity to static discharge Yes.

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 Evacuate personnel to safe areas. Use personal protective equipment as required. See

section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the

product must be grounded. Do not touch or walk through spilled material.

**Environmental precautions** 

**Environmental precautions** Prevent further leakage or spillage if safe to do so Prevent product from entering drains Do

not flush into surface water or sanitary sewer system 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 Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor

suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb spill with inert material

(e.g. dry sand or earth), then place in a chemical waste container.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert

absorbent material. Pick up and transfer to properly labeled containers.

#### 7. HANDLING AND STORAGE

#### Precautions for safe handling

Advice on safe handling Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat,

hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before

reuse.

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

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from

heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials.

Keep out of the reach of children.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

#### **Exposure Limits**

| Chemical name | ACGIH TLV                     | OSHA PEL  | NIOSH IDLH                                     |  |  |
|---------------|-------------------------------|---|--|--|--|
| Trade Secret  | No data available             | =   | TWA: 25 ppm<br>TWA: 125 mg/m <sup>3</sup>      |  |  |
| Trade Secret  | STEL: 150 ppm<br>TWA: 100 ppm | TWA: 100 ppm TWA: 435 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m³ |  |  |  |
| Trade Secret  | TWA: 5 ppm                    | TWA: 50 ppm TWA: 245 mg/m³ (vacated) TWA: 50 ppm (vacated) TWA: 245 mg/m³ (vacated) S* S*                                     | IDLH: 900 ppm<br>TWA: 50 ppm<br>TWA: 245 mg/m³ |  |  |

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 Other Information

(11th Cir., 1992).

**Appropriate engineering controls** 

**Engineering controls** Showers

> Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Hand protection Chemical resistant gloves.

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

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved Respiratory protection

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.

Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work General hygiene considerations

area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and

None known

eye/face protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid **Appearance** Liquid Color Amber Odor Mercaptan

No information available **Odor threshold** 

Values Remarks • Method **Property** 

Not applicable pН Melting point/freezing point 6 °C / 43 °F

> 143 °C / 289 °F Boiling point / boiling range

Flash point 40 °C / 104 °F CC (closed cup) **Evaporation rate** No data available None known Flammability (solid, gas) No data available None known

# PBI FP 8451126 - Bensumec™ 4 LF Preemergent Grass & Weed Herbicide

Flammability Limit in Air None known

Upper flammability limit: 6.6%
Lower flammability limit: 1.1%
Vapor pressure 4 mm Hg
Vapor density >3.6
Specific Gravity 1.032
Water solubility Emulsifiable

Solubility in other solventsNo data availableNone knownPartition coefficientNo data availableNone knownAutoignition temperatureNo data availableNone knownDecomposition temperatureNo data availableNone known

Other Information

Liquid Density8.6 pounds/gallonBulk densityNo information available

## 10. STABILITY AND REACTIVITY

## Reactivity

No information available.

#### Stability

Stable under recommended storage conditions

#### Possibility of hazardous reactions

None under normal processing.

#### **Hazardous polymerization**

Will not occur.

#### Conditions to avoid

Heat, flames and sparks.

#### **Incompatible materials**

Strong acids. Strong bases. Strong oxidizing agents.

#### **Hazardous decomposition products**

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

## Information on likely routes of exposure

#### **Product Information**

**Inhalation** Aspiration into lungs can produce severe lung damage. May cause pulmonary edema.

Pulmonary edema can be fatal. May cause irritation of respiratory tract.

**Eye contact** Causes eye irritation.

**Skin contact** Not irritating.

**Ingestion** Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may

cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways.

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### **Component Information**

| Chemical name | I name Oral LD50  |                       | Inhalation LC50   |  |
|---------------|-------------------|-----------------------|-------------------|--|
| Bensulide     | = 271 mg/kg (Rat) | = 3950 mg/kg (Rabbit) | > 8 mg/L (Rat)1 h |  |
| 741-58-2      |                   |                       |                   |  |

## PBI FP 8451126 - Bensumec™ 4 LF Preemergent **Grass & Weed Herbicide**

| Trade Secret | = 8400 mg/kg (Rat) | > 2000 mg/kg (Rabbit)   | = 3400 ppm (Rat) 4 h   |
|--------------|--------------------|-------------------------|------------------------|
| Trade Secret | = 3280 mg/kg (Rat) | > 3160 mg/kg (Rabbit)   | = 18 g/m³ (Rat) 4 h    |
| Trade Secret | = 3500 mg/kg (Rat) | > 4350 mg/kg ( Rabbit ) | = 29.08 mg/L (Rat) 4 h |
| Trade Secret | = 1400 mg/kg (Rat) | = 12300 μL/kg (Rabbit)  | > 3577 ppm (Rat) 6 h   |

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

No information available. **Symptoms** 

Acute toxicity

#### Numerical measures of toxicity - Product Information

mg/L (rat)

#### **Unknown Toxicity**

97.9498 % of the mixture consists of ingredient(s) of unknown toxicity

65.1998 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas) 97.9498 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor) 51.4538 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

LD50 Oral 960 mg/kg Rat-male Rat-female LD50 Dermal > 2000 mg/kg Rat-male Rat-female

LC50 Inhalation (VAPOR) > 2.10 mg/L (rat)

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

Not irritating. Skin corrosion/irritation

Serious eye damage/eye irritation Causes eye irritation.

Respiratory or skin sensitization Not a skin sensitizer.

Germ cell mutagenicity Contains a known or suspected mutagen.

The table below indicates whether each agency has listed any ingredient as a carcinogen. Carcinogenicity

| Chemical name | ACGIH | IARC     | NTP                    | OSHA |
|---------------|-------|----------|------------------------|------|
| Trade Secret  | -     | Group 3  | -                      | -    |
| Trade Secret  | A3    | Group 2B | Reasonably Anticipated | X    |

#### Legend

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

NTP (National Toxicology Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity No information available. STOT - single exposure No information available. No information available. STOT - repeated exposure

**Target Organ Effects** Central nervous system, blood, Eyes, Respiratory system, Skin.

**Aspiration hazard** 

May be fatal if swallowed and enters airways.

## 12. ECOLOGICAL INFORMATION

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

| Chaminalina   |                       | aquatic life with long lastin         |                            | 01                         |
|---------------|-----------------------|---------------------------------------|----------------------------|----------------------------|
| Chemical name | Algae/aquatic plants  | Fish                                  | Toxicity to microorganisms | Crustacea                  |
| Trade Secret  | -                     | 9.22: 96 h Oncorhynchus               | -                          | 6.14: 48 h Daphnia magna   |
|               |                       | mykiss mg/L LC50                      |                            | mg/L EC50                  |
| Trade Secret  | -                     | 7.19 - 8.28: 96 h Pimephales          | -                          | 6.14: 48 h Daphnia magna   |
|               |                       | promelas mg/L LC50                    |                            | mg/L EC50                  |
|               |                       | flow-through                          |                            | _                          |
| Trade Secret  | -                     | 13.1 - 16.5: 96 h Lepomis             | EC50 = 0.0084 mg/L 24 h    | 0.6: 48 h Gammarus         |
|               |                       | macrochirus mg/L LC50                 | · ·                        | lacustris mg/L LC50        |
|               |                       | flow-through                          |                            | 3.82: 48 h water flea mg/L |
|               |                       | 13.5 - 17.3: 96 h                     |                            | EC50                       |
|               |                       | Oncorhynchus mykiss mg/L              |                            |                            |
|               |                       | LC50                                  |                            |                            |
|               |                       | 2.661 - 4.093: 96 h                   |                            |                            |
|               |                       | Oncorhynchus mykiss mg/L              |                            |                            |
|               |                       | LC50 static                           |                            |                            |
|               |                       | 23.53 - 29.97: 96 h                   |                            |                            |
|               |                       | Pimephales promelas mg/L              |                            |                            |
|               |                       | LC50 static                           |                            |                            |
|               |                       | 30.26 - 40.75: 96 h Poecilia          |                            |                            |
|               |                       | reticulata mg/L LC50 static           |                            |                            |
|               |                       | 7.711 - 9.591: 96 h Lepomis           |                            |                            |
|               |                       | macrochirus mg/L LC50                 |                            |                            |
|               |                       | static                                |                            |                            |
|               |                       | 13.4: 96 h Pimephales                 |                            |                            |
|               |                       | promelas mg/L LC50                    |                            |                            |
|               |                       | flow-through                          |                            |                            |
|               |                       | 19: 96 h Lepomis                      |                            |                            |
|               |                       | macrochirus mg/L LC50                 |                            |                            |
|               |                       | 780: 96 h Cyprinus carpio             |                            |                            |
|               |                       | mg/L LC50 semi-static                 |                            |                            |
|               |                       | 780: 96 h Cyprinus carpio             |                            |                            |
| T 1 0         | 0.0.701               | mg/L LC50                             | F050 000 # 5 :             | 70 444 401 5 1 :           |
| Trade Secret  | 2.6: 72 h             | 6.04 - 6.61: 96 h Pimephales          | EC50 = 0.89 mg/L 5 min     | 7.9 - 14.1: 48 h Daphnia   |
|               | Pseudokirchneriella   | promelas mg/L LC50                    | EC50 = 1.10 mg/L 15 min    | magna mg/L EC50 Static     |
|               | subcapitata mg/L EC50 | flow-through                          | EC50 = 1.48 mg/L 30 min    | 0.6: 48 h Daphnia magna    |
|               |                       | 2.7: 96 h Oncorhynchus                | EC50 = 172 mg/L 24 h       | mg/L EC50                  |
|               |                       | mykiss mg/L LC50                      |                            |                            |
|               |                       | semi-static<br>4.8: 96 h Oncorhynchus |                            |                            |
|               |                       | mykiss mg/L LC50                      |                            |                            |
|               |                       | flow-through                          |                            |                            |
|               |                       | 5.1: 96 h Poecilia reticulata         |                            |                            |
|               |                       | mg/L LC50 semi-static                 |                            |                            |
|               |                       | mg/L LOJU Semi-static                 |                            |                            |

Persistence and degradabilityNo information available.BioaccumulationNo information available.Other adverse effectsNo information available.

## 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Waste from residues/unused products

Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld

containers.

US EPA Waste Number D001.

## 14. TRANSPORT INFORMATION

DOT

UN/ID no. NA1993

Proper shipping name COMBUSTIBLE LIQUID, N.O.S.

Hazard class Combustible liquid

Packing group

Special Provisions IB3, T1,TP1, 148

Description NA1993, COMBUSTIBLE LIQUID, N.O.S. (Bensulide), III, Marine pollutant

**TDG** 

**UN/ID no.** UN1993

Proper shipping name FLAMMABLE LIQUID, N.O.S.

Hazard class 3
Packing group III

Description UN1993, FLAMMABLE LIQUID, N.O.S. (Bensulide), 3, III

MEX

**UN/ID no.** UN1993

Proper shipping name FLAMMABLE LIQUID, N.O.S.

Hazard class 3
Special Provisions 223, 274
Packing group III

Description UN1993, FLAMMABLE LIQUID, N.O.S. (Bensulide), 3, III

ICAO (air)

**UN/ID** no. UN1993

Proper shipping name FLAMMABLE LIQUID, N.O.S.

Hazard class 3
Packing group III
Special Provisions A3

**Description** UN1993, FLAMMABLE LIQUID, N.O.S. (Bensulide), 3, III

**IATA** 

UN number UN1993

**UN proper shipping name** FLAMMABLE LIQUID, N.O.S.

Transport hazard class(es) 3
Packing group III
Special Provisions A3

Description UN1993, FLAMMABLE LIQUID, N.O.S. (Bensulide), 3, III

<u>IMDG</u>

UN number UN1993

**UN proper shipping name** FLAMMABLE LIQUID, N.O.S.

Transport hazard class(es)

Packing group

EmS-No.

Special Provisions

3

III

F-E, S-E

223, 274, 955

Description UN1993, FLAMMABLE LIQUID, N.O.S. (BENSULIDE), 3, III, (40°C C.C.), MARINE

**POLLUTANT** 

## 15. REGULATORY INFORMATION

U.S. EPA Label Information

**EPA Pesticide Registration Number** 2217-696

Federal Insecticide, Fungicide, Rodenticide Act Regulations

## PBI FP 8451126 - Bensumec™ 4 LF Preemergent Grass & Weed Herbicide

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 reach of children

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

**ENVIRONMENTAL HAZARDS:** 

This chemical is toxic to fish and aquatic invertebrates. 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 disposing of equipment washwater or rinsate. Do not apply when weather conditions favor drift from treated area. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product may impair reproduction in birds if used during the breeding season.

PHYSICAL OR CHEMICAL HAZARDS:

Combustible. Do not use or store near heat or open flame.

#### **International Inventories**

Listed **TSCA DSL/NDSL** Not Listed **EINECS/ELINCS** Listed **ENCS** Not Listed **IECSC** Listed **KECL** Listed **PICCS** Not Listed **AICS** 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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| er errermedie miner die edejeer te uie repermig regun erneme er ui | ie / tet aira i tue i e e tire e e ae e i e e ae air teganatierie, i air e i zi |
|--|---|
| Chemical name  | SARA 313 - Threshold Values %   |
| Trade Secret -   | 1.0   |

## 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 contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

| Chemical name | CWA - Reportable<br>Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous<br>Substances |
|---------------|--------------------------------|------------------------|---------------------------|-------------------------------|
| Trade Secret  | 100 lb                         | -                      | -                         | X                             |

#### **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

| Chemical name | Hazardous Substances RQs | Extremely Hazardous Substances RQs |
|---------------|--------------------------|------------------------------------|
| Trade Secret  | 100 lb                   | -                                  |
|               |                          |                                    |
| Trade Secret  | 5000 lb                  | <u>-</u>                           |
|               |                          |                                    |

#### **US State Regulations**

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

**US State Regulations** 

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|---------------|------------|---------------|--------------|
| Trade Secret  | X          | Х             | X            |
| Trade Secret  | X          | X             | Х            |
| Trade Secret  | X          | Х             | Х            |

## **16. OTHER INFORMATION**

| <u>NFPA</u>                | Health hazards   | 3        | Flammability | 2 | Instability 0    |   | Physical and Chemical Properties - |
|----------------------------|------------------|----------|--------------|---|------------------|---|------------------------------------|
| HMIS_                      | Health hazards   | 3 *      | Flammability | 2 | Physical hazards | 0 | Personal protection X              |
| Chronic Hazard Star Legend | $d \qquad * = C$ | hronic H | ealth Hazard |   |                  |   |                                    |

#### **Disclaimer**

The information provided in this 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**