

### SECTION 1: Product and company identification

Product name : Bug Balls  
Use of the substance/mixture : Cleaner  
Product code : 120701  
Company : Share Corporation  
P.O. Box 245013  
Milwaukee, WI 53224 - USA  
T (414) 355-4000  
Emergency number : Chemtrec: (800) 424-9300

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

Acute Tox. 4 (Oral) H302  
Skin Irrit. 2 H315  
Eye Irrit. 2A H319  
STOT SE 3 H335

Full text of H-phrases: see section 16

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US)



GHS07

Signal word (GHS-US)

: Warning

Hazard statements (GHS-US)

: Harmful if swallowed  
Causes skin irritation  
Causes serious eye irritation  
May cause respiratory irritation

Precautionary statements (GHS-US)

: Avoid breathing dust  
Wash thoroughly after handling  
Do not eat, drink or smoke when using this product  
Use only outdoors or in a well-ventilated area  
Wear eye protection, protective gloves  
If swallowed: Call a POISON CENTER, a doctor if you feel unwell  
If on skin: Wash with plenty of soap and water  
If inhaled: Remove person to fresh air and keep comfortable for breathing  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Call a doctor, a POISON CENTER if you feel unwell  
Specific treatment (see First aid measures on this label)  
Rinse mouth  
If skin irritation occurs: Get medical advice/attention  
If eye irritation persists: Get medical advice/attention  
Take off contaminated clothing and wash before reuse  
Store in a well-ventilated place. Keep container tightly closed  
Store locked up  
Dispose of contents/container to comply with local/regional/national/international regulations

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

Full text of H-phrases: see section 16

#### 3.2. Mixture

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Name	Product identifier	%	Classification (GHS-US)
sodium dodecylbenzenesulfonate	(CAS No) 25155-30-0	40 - 50	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
citric acid	(CAS No) 77-92-9	10 - 20	Eye Irrit. 2A, H319
sodium carbonate	(CAS No) 497-19-8	5 - 10	Eye Irrit. 2A, H319
disodium metasilicate	(CAS No) 6834-92-0	<=2	Skin Corr. 1B, H314 STOT SE 3, H335

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Artificial respiration and/or oxygen if necessary. If unconscious, place in the recovery position and seek medical advice. Loosen tight clothing such as a collar, tie, belt or waistband.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing and wash it before reuse. Get medical advice/attention.
- First-aid measures after eye contact : Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
- First-aid measures after ingestion : Rinse mouth with water. Drink plenty of water. Do not induce vomiting without medical advice. If vomiting occurs have person lean forward. Get medical advice/attention. Never give anything by mouth to an unconscious person.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : May cause respiratory irritation.
- Symptoms/injuries after skin contact : Causes skin irritation.
- Symptoms/injuries after eye contact : Causes serious eye irritation.
- Symptoms/injuries after ingestion : Harmful if swallowed. Irritating to mouth, throat and stomach.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Adapt extinguishing media to the environment.
- Unsuitable extinguishing media : Solid water jet ineffective as extinguishing medium.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Non-flammable.
- Reactivity : Thermal decomposition may produce : Carbon dioxide. Carbon monoxide. Metal oxides. sulfur oxides.

#### 5.3. Advice for firefighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. No action shall be taken involving any personal risk or without suitable training.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Evacuate unnecessary personnel.

##### 6.1.1. For non-emergency personnel

- Protective equipment : DO NOT touch spilled material. Do not enter without an appropriate protective equipment.
- Emergency procedures : Evacuate unnecessary personnel. Ventilate spillage area.

##### 6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection. For further information refer to section 8 Exposure controls/personal protection " ".
- Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

#### 6.2. Environmental precautions

Prevent runoff from entering drains, sewers or waterways. Avoid discharge to the environment. Do not allow to enter drains or water courses. Notify authorities if product enters sewers or public waters. Prevent soil and water pollution.

#### 6.3. Methods and material for containment and cleaning up

- For containment : Collect spillage. Prevent the product from entering drains or confined areas.

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- Methods for cleaning up : Prevent dust cloud formation. Notify authorities if product enters sewers or public waters. On land, sweep or shovel into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Additional hazards when processed : Store in dry, cool area. Where excessive dust may result, use approved respiratory protection equipment.
- Precautions for safe handling : Avoid contact with skin, eyes and clothing. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Comply with the legal requirements. Do not eat, drink or smoke when using this product. Keep container tightly closed. Keep out of reach of children. Use personal protective equipment as required.
- Hygiene measures : Do not eat, drink or smoke when using this product. Remove contaminated clothes. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

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

- Technical measures : Comply with applicable regulations.
- Storage conditions : Store locked up. Protect from freezing. Keep away from food and drink. Keep only in original container. Protect from sunlight. Store in a well-ventilated place. Keep cool. Store in a dry place.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Personal protective equipment : Gloves. Protective clothing. Safety glasses. Use appropriate personal protective equipment when risk assessment indicates this is necessary.



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

- Physical state : Solid
- Appearance : Blue.
- Odor : mint-like
- Odor threshold : No data available
- pH : 7.5 - 8.5 Conc. (% w/w) 1%
- Melting point : No data available
- Freezing point : No data available
- Boiling point : 212 °F at use dilution
- Flash point : > 200 °F
- Relative evaporation rate (butyl acetate=1) : No data available
- Flammability (solid, gas) : No data available
- Explosion limits : No data available
- Explosive properties : No data available
- Oxidizing properties : No data available
- Vapor pressure : No data available
- Relative density : No data available
- Relative vapor density at 20 °C : No data available
- Specific gravity / density : 1 g/ml at use dilution
- Solubility : Soluble in water.
- Log Pow : No data available
- Log Kow : No data available
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available

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Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Thermal decomposition may produce : Carbon dioxide. Carbon monoxide. Metal oxides. sulfur oxides.

#### 10.2. Chemical stability

The product is stable at normal handling- and storage conditions.

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

#### 10.4. Conditions to avoid

Extremely high or low temperatures.

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Oral: Harmful if swallowed.

sodium dodecylbenzenesulfonate (25155-30-0)	
LD50 oral rat	438 mg/kg (Rat)
sodium carbonate (497-19-8)	
LD50 oral rat	2800 mg/kg (Rat; Experimental value)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit; Experimental value)
ATE CLP (oral)	2800.000 mg/kg body weight
citric acid (77-92-9)	
LD50 oral rat	3000 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Literature study; 11700 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rat	> 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
ATE CLP (oral)	3000.000 mg/kg body weight

Skin corrosion/irritation	: Causes skin irritation. pH: 7.5 - 8.5 Conc. (% w/w) 1%
Serious eye damage/irritation	: Causes serious eye irritation. pH: 7.5 - 8.5 Conc. (% w/w) Conc. (% w/w) 1%
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: May cause respiratory irritation.
Symptoms/injuries after skin contact	: Causes skin irritation.
Symptoms/injuries after eye contact	: Causes serious eye irritation.
Symptoms/injuries after ingestion	: Harmful if swallowed. Irritating to mouth, throat and stomach.
Likely routes of exposure	: oral;Dermal;Inhalation

### SECTION 12: Ecological information

#### 12.1. Toxicity

sodium dodecylbenzenesulfonate (25155-30-0)	
LC50 fish 1	0.99 mg/l (96 h; Pisces)

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sodium dodecylbenzenesulfonate (25155-30-0)	
EC50 Daphnia 1	2.19 mg/l (96 h; Daphnia magna)
LC50 fish 2	6.9 mg/l (96 h; Rita rita)
Threshold limit algae 1	0.9 mg/l (96 h; Algae)
sodium carbonate (497-19-8)	
LC50 fish 1	300 mg/l (96 h; Lepomis macrochirus)
EC50 Daphnia 1	< 424 mg/l (48 h; Daphnia magna)
EC50 other aquatic organisms 1	14 mg/l (168 h; Plankton)
LC50 fish 2	740 mg/l (96 h; Gambusia affinis)
EC50 Daphnia 2	265 mg/l (48 h; Daphnia magna)
TLM fish 1	300 ppm (96 h; Lepomis macrochirus)
TLM other aquatic organisms 1	500 ppm (96 h; Daphnia magna)
Threshold limit algae 1	242 mg/l (5 days; Algae)
citric acid (77-92-9)	
LC50 fish 1	2600 mg/l (48 h; Leuciscus idus; pH = 7)
EC50 Daphnia 1	120 mg/l (72 h; Daphnia magna; pH < 7)
LC50 fish 2	1516 mg/l (96 h; Lepomis macrochirus)
EC50 Daphnia 2	85 mg/l (Daphnia magna)
Threshold limit algae 1	80 mg/l (192 h; Microcystis aeruginosa; Reproduction)
Threshold limit algae 2	640 mg/l (168 h; Scenedesmus quadricauda)

### 12.2. Persistence and degradability

sodium dodecylbenzenesulfonate (25155-30-0)	
Persistence and degradability	Readily biodegradable in water.
sodium carbonate (497-19-8)	
Persistence and degradability	Biodegradability: not applicable. Low potential for adsorption in soil.
ThOD	Not applicable (inorganic)
citric acid (77-92-9)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil.
Biochemical oxygen demand (BOD)	0.420 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	0.728 g O <sub>2</sub> /g substance
ThOD	0.686 g O <sub>2</sub> /g substance
BOD (% of ThOD)	(20 day(s)) 0.89

### 12.3. Bioaccumulative potential

sodium dodecylbenzenesulfonate (25155-30-0)	
BCF fish 1	286 (Lepomis macrochirus)
BCF fish 2	130 (Leuciscus idus)
Log Pow	0.45 - 1.96
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
sodium carbonate (497-19-8)	
Log Pow	-6.19 (Estimated value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
citric acid (77-92-9)	
Log Pow	-1.72 (Experimental value)
Bioaccumulative potential	Bioaccumulation: not applicable.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container to comply with local/regional/national/international regulations.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT : Not regulated for transport

### Additional information

Other information : No supplementary information available.

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### ADR

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

sodium dodecylbenzenesulfonate (25155-30-0)	
Not listed on SARA Section 313 (Specific toxic chemical listings)	
RQ (Reportable quantity, section 304 of EPA's List of Lists)	1000 lb

California Proposition 65 - This product does not contain a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

## SECTION 16: Other information

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

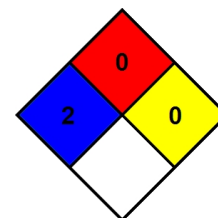
Full text of H-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation

NFPA health hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard : 0 - Materials that will not burn.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



Prepared by: Technical Department

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.*