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## 1. IDENTIFICATION

### Product identifier

Product Name up & up

### Other means of identification

Product Code(s) 1186305\_TG

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

Recommended Use Shampoo, Dandruff

Restrictions on use No information available

### Details of the supplier of the safety data sheet

Supplier Identification Consumer Product Partners

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## 2. HAZARDS IDENTIFICATION

### Classification



Acute toxicity - Inhalation (Gases)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1
Reproductive toxicity	Category 1B
Specific target organ toxicity (single exposure)	Category 1
Specific target organ toxicity (repeated exposure)	Category 1

**Appearance** Blue**Physical state** Viscous liquid Liquid**Odor** Floral**GHS Label elements, including precautionary statements****Danger****Hazard statements**

Harmful if inhaled  
 Causes skin irritation  
 Causes serious eye damage  
 May cause an allergic skin reaction  
 May damage fertility or the unborn child  
 Causes damage to organs  
 Causes damage to organs through prolonged or repeated exposure

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Use only outdoors or in a well-ventilated area  
 Wash face, hands and any exposed skin thoroughly after handling  
 Contaminated work clothing must not be allowed out of the workplace  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 Do not eat, drink or smoke when using this product

**Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label)  
 IF exposed: Call a POISON CENTER or doctor

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a POISON CENTER or doctor

**Skin**

IF ON SKIN: Wash with plenty of water and soap  
 Take off contaminated clothing and wash it before reuse  
 If skin irritation or rash occurs: Get medical advice/attention

**Inhalation**

IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 Call a POISON CENTER or doctor if you feel unwell

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

Toxic to aquatic life with long lasting effects. Very toxic to aquatic life.

**Unknown acute toxicity** 8.83 % of the mixture consists of ingredient(s) of unknown toxicity

4.69 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

8.83 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

8.83 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

8.83 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

8.83 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Substance**

Not applicable.

**Mixture**

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Water, distilled, conductivity or of similar purity	7732-18-5	80.35422	-	-
Sodium lauryl sulfate	68585-47-7	4.785	-	-
.alpha.-Alkyl(C10-16).omega.-hydroxypoly(oxyethylene) sulfate, sodium salt	68585-34-2	4.69	-	-
Glycol distearate	627-83-8	4.14	-	-
Sodium chloride	7647-14-5	2.6876	-	-
Zinc pyrithione	13463-41-7	1.020817	-	-
Cocamidopropyl betaine	61789-40-0	0.999908	-	-
Guar hydroxypropyltrimonium chloride	65497-29-2	0.45	-	-
Third Party Formulation (TP # 1512243)	-	0 - 10%	-	-
Siloxanes and Silicones, 3-[(2-aminoethyl)amino]-2-methylpropyl methyl, dimethyl	106842-44-8	0.1455	-	-
Sodium Benzoate	532-32-1	0.1	-	-
Third Party Formulation (TP # 1512243)	-	0 - 10%	-	-
Third Party Formulation (TP # 1512243)	-	0 - 10%	-	-
Third Party Formulation (TP # 1512243)	-	0 - 10%	-	-
Citric acid	77-92-9	0.025	-	-

Third Party Formulation (TP # 1512243)	-	0 - 10%	-	-
Third Party Formulation (TP # 1512243)	-	0 - 10%	-	-
Third Party Formulation (TP # 1512243)	-	0 - 10%	-	-
Third Party Formulation (TP # 1512243)	-	0 - 10%	-	-
Third Party Formulation (TP # 1512243)	-	0 - 10%	-	-
Third Party Formulation (TP # 1512243)	-	0 - 10%	-	-
Third Party Formulation (TP # 1512243)	-	0 - 10%	-	-
Third Party Formulation (TP # 1512243)	-	0 - 10%	-	-
Third Party Formulation (TP # 1512243)	-	0 - 10%	-	-
Third Party Formulation (TP # 1512243)	-	0 - 10%	-	-
Third Party Formulation (TP # 1512243)	-	0 - 10%	-	-
Third Party Formulation (TP # 1512243)	-	0 - 10%	-	-
Methylchloroisothiazolinone	26172-55-4	0.001125	-	-
Methylisothiazolinone	2682-20-4	0.000375	-	-
FD&C Blue 1	3844-45-9	0.000296	-	-
Acid red 33	3567-66-6	0.000102	-	-
Sodium xylene sulfonate	1300-72-7	0.000041	-	-
Zinc carbonate	3486-35-9	0.00001	-	-
Magnesium, tetrakis[carbonato(2-)]dihydroxypenta-	7760-50-1	0.00001	-	-

\*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>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air. Get medical attention immediately if symptoms occur. IF exposed or concerned: Get medical advice/attention. If symptoms persist, call a physician. If breathing has stopped, give artificial respiration. Get medical attention immediately.
<b>Eye contact</b>	Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. If symptoms persist, call a physician.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Get medical attention.
<b>Self-protection of the first aider</b>	Avoid contact with skin, eyes or clothing. Ensure that medical personnel are aware of the



material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid breathing vapors or mists. Use personal protective equipment as required. See section 8 for more information.

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

**Symptoms** Burning sensation. Itching. Rashes. Hives. Coughing and/ or wheezing. Difficulty in breathing.

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

**Note to physicians** May cause sensitization in susceptible persons. Treat symptomatically.

## **5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**Specific hazards arising from the chemical** Product is or contains a sensitizer. May cause sensitization by skin contact.

**Hazardous Combustion Products** Carbon oxides.

#### **Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## **6. ACCIDENTAL RELEASE MEASURES**

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

**Personal precautions** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid breathing vapors or mists.

**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** 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**

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. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes. Avoid breathing vapors or mists.

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

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters****Exposure Limits**

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	
Sodium Benzoate 532-32-1	TWA: 2.5 mg/m <sup>3</sup> Benzoate inhalable particulate matter S*	-		
Third Party Formulation (TP # 1512243)	TWA: 10 ppm	-		
Chemical name	Alberta	British Columbia	Ontario TWAEV	Quebec
Sodium Benzoate 532-32-1		Skin		
Third Party Formulation (TP # 1512243)	TWA: 10 ppm TWA: 61 mg/m <sup>3</sup>	TWA: 10 ppm	TWA: 10 ppm	TWA: 10 ppm

**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**

Wear suitable gloves. Impervious gloves.

**Skin and body protection**

Wear suitable protective clothing. Long sleeved clothing.

**Respiratory protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice. 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

<b>Physical state</b>	Viscous liquid; Liquid
<b>Appearance</b>	Blue
<b>Odor</b>	Floral
<b>Color</b>	No information available
<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
<b>pH</b>	7.8	
<b>Melting / freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	No data available	None known
<b>Flash Point</b>	No data available	None known
<b>Evaporation Rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit</b>	No data available	
<b>Lower flammability limit</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Relative density</b>	1.04	
<b>Water Solubility</b>	Miscible in water	
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	0	
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known

### Other Information

<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available
<b>Softening Point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>VOC Content (%)</b>	No information available
<b>Liquid Density</b>	No information available
<b>Bulk Density</b>	No information available
<b>Particle Size</b>	No information available
<b>Particle Size Distribution</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Excessive heat.
<b>Incompatible materials</b>	Strong acids. Strong bases. Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. Harmful by inhalation. (based on components).
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Causes serious eye damage. (based on components). Severely irritating to eyes. May cause burns. May cause irreversible damage to eyes.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Causes skin irritation. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. (based on components).

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

<b>Symptoms</b>	Redness. Burning. May cause blindness. Itching. Rashes. Hives. May cause redness and tearing of the eyes. Coughing and/ or wheezing.
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### Numerical measures of toxicity

#### Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	6,213.30 mg/kg
<b>ATEmix (inhalation-gas)</b>	9,797.05 ppm
<b>ATEmix (inhalation-dust/mist)</b>	4.9078 mg/L
<b>ATEmix (inhalation-vapor)</b>	49.078 mg/L

<b>Unknown acute toxicity</b>	8.83 % of the mixture consists of ingredient(s) of unknown toxicity
	4.69 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
	8.83 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
	8.83 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
	8.83 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
	8.83 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### Product Information

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water, distilled, conductivity or of similar purity	> 90 mL/kg ( Rat )	-	-
Sodium lauryl sulfate	> 2000 mg/kg ( Rat )	-	-
Glycol distearate	> 10000 mg/kg ( Rat )	-	-
Sodium chloride	= 3550 mg/kg ( Rat )	> 10000 mg/kg ( Rabbit )	> 42 mg/L ( Rat ) 1 h
Zinc pyrithione	= 177 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	0.05 - 0.5 mg/L ( Rat ) 4 h
Cocamidopropyl betaine	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-
Guar hydroxypropyltrimonium chloride	= 12500 mg/kg ( Rat )	-	-
Third Party Formulation (TP # 1512243)	= 14850 mg/kg ( Rat )	> 5010 mg/kg ( Rabbit )	> 2.34 mg/L ( Rat ) 4 h
Siloxanes and Silicones,	-	-	= 20 mg/m <sup>3</sup> ( Rat ) 4 h

3-[(2-aminoethyl)amino]-2-methylpropyl methyl, dimethyl			
Sodium Benzoate	= 4070 mg/kg ( Rat )	-	-
Third Party Formulation (TP # 1512243)	> 90 mL/kg ( Rat )	-	-
Third Party Formulation (TP # 1512243)	= 1390 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	> 0.18 mg/L ( Rat ) 7 h
Third Party Formulation (TP # 1512243)	= 2790 mg/kg ( Rat )	= 5610 mg/kg ( Rabbit )	-
Citric acid	= 3 g/kg ( Rat )	> 2000 mg/kg ( Rat )	-
Third Party Formulation (TP # 1512243)	= 2490 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
Third Party Formulation (TP # 1512243)	= 4600 mg/kg ( Rat )	-	-
Third Party Formulation (TP # 1512243)	-	> 5000 mg/kg ( Rabbit )	-
Third Party Formulation (TP # 1512243)	= 3600 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Third Party Formulation (TP # 1512243)	= 3100 mg/kg ( Rat )	> 3000 mg/kg ( Rabbit )	> 5 mg/L ( Rat ) 4 h
Third Party Formulation (TP # 1512243)	> 3250 mg/kg ( Rat )	> 3250 mg/kg ( Rabbit )	> 5.04 mg/L ( Rat ) 4 h
Third Party Formulation (TP # 1512243)	= 42 g/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Third Party Formulation (TP # 1512243)	> 5 g/kg ( Rat )	> 5000 mg/kg ( Rabbit )	> 4.93 mg/L ( Rat ) 4 h
Third Party Formulation (TP # 1512243)	> 5 g/kg ( Rat )	> 8 mL/kg ( Rabbit )	-
Third Party Formulation (TP # 1512243)	> 5 g/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
Third Party Formulation (TP # 1512243)	> 2000 mg/kg ( Rat )	= 4000 mg/kg ( Rabbit )	-
Third Party Formulation (TP # 1512243)	= 3810 mg/kg ( Rat )	> 5000 mg/kg ( Rat )	-
Methylchloroisothiazolinone	= 481 mg/kg ( Rat )	-	= 1.23 mg/L ( Rat ) 4 h
Methylisothiazolinone	232 - 249 mg/kg ( Rat ) = 120 mg/kg ( Rat )	= 200 mg/kg ( Rabbit )	= 0.11 mg/L ( Rat ) 4 h
FD&C Blue 1	> 10000 mg/kg ( Rat )	-	-
Sodium xylene sulfonate	> 16.2 g/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-

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

<b>Skin corrosion/irritation</b>	Classification based on data available for ingredients. Irritating to skin.
<b>Serious eye damage/eye irritation</b>	Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.
<b>Respiratory or skin sensitization</b>	May cause sensitization by skin contact.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.

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

Chemical name	ACGIH	IARC	NTP	OSHA
Third Party Formulation	-	Group 3	-	-



(TP # 1512243)				
FD&C Blue 1 3844-45-9	-	Group 3	-	-

**IARC (International Agency for Research on Cancer)**

Group 3 - Not Classifiable as to Carcinogenicity in Humans

<b>Reproductive toxicity</b>	Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. May damage fertility or the unborn child.
<b>STOT - single exposure</b>	Based on the classification criteria of the Globally Harmonized System as adopted in the country or region with which this safety data sheet complies, this product has been determined to cause systemic target organ toxicity from acute exposure. (STOT SE). Causes damage to organs if inhaled.
<b>STOT - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure.
<b>Aspiration hazard</b>	No information available.

## 12. ECOLOGICAL INFORMATION

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

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium chloride	No data available	96h LC50: 5560 - 6080 mg/L (Lepomis macrochirus) 96h LC50: = 12946 mg/L (Lepomis macrochirus) 96h LC50: 6020 - 7070 mg/L (Pimephales promelas) 96h LC50: = 7050 mg/L (Pimephales promelas) 96h LC50: 6420 - 6700 mg/L (Pimephales promelas) 96h LC50: 4747 - 7824 mg/L (Oncorhynchus mykiss)	No data available	48h EC50: = 1000 mg/L (Daphnia magna) 48h EC50: 340.7 - 469.2 mg/L (Daphnia magna)
Cocamidopropyl betaine	72h EC50: 1.0 - 10.0 mg/L (Desmodesmus subspicatus)	96h LC50: 1.0 - 10.0 mg/L (Brachydanio rerio) 96h LC50: = 2 mg/L (Brachydanio rerio)	No data available	48h EC50: = 6.5 mg/L (Daphnia magna)
Third Party Formulation (TP # 1512243)	No data available	No data available	EC50 = 10000 mg/L 16 h	No data available
Sodium Benzoate	No data available	96h LC50: 420 - 558 mg/L (Pimephales promelas) 96h LC50: > 100 mg/L (Pimephales promelas)	EC50 = 500 mg/L 24 h	48h EC50: < 650 mg/L (Daphnia magna)
Third Party Formulation (TP # 1512243)	No data available	96h LC50: 2.2 - 4.6 mg/L (Brachydanio rerio)	No data available	48h EC50: = 10.7 mg/L (Daphnia magna)
Third Party Formulation (TP # 1512243)	96h EC50: = 88.3 mg/L (Desmodesmus subspicatus)	96h LC50: = 27.8 mg/L (Oncorhynchus mykiss)	No data available	48h EC50: = 20 mg/L (Daphnia magna)

Citric acid	No data available	96h LC50: = 1516 mg/L (Lepomis macrochirus)	No data available	No data available
Third Party Formulation (TP # 1512243)	No data available	No data available	EC50 = 3.29 mg/L 5 min EC50 = 3.86 mg/L 15 min EC50 = 4.54 mg/L 30 min	No data available
Third Party Formulation (TP # 1512243)	No data available	96h LC50: 3.7 - 4.4 mg/L (Pimephales promelas)	No data available	No data available
Third Party Formulation (TP # 1512243)	No data available	96h LC50: = 19 mg/L (Oryzias latipes)	No data available	No data available
Third Party Formulation (TP # 1512243)	No data available	96h LC50: = 18.32 mg/L (Danio rerio)	No data available	No data available
Third Party Formulation (TP # 1512243)	No data available	96h LC50: = 2.32 mg/L (Danio rerio)	No data available	No data available
Methylchloroisothiazolinone	72h EC50: 0.11 - 0.16 mg/L (Pseudokirchneriella subcapitata) 96h EC50: 0.03 - 0.13 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 1.6 mg/L (Oncorhynchus mykiss)	EC50 = 5.7 mg/L 16 h	48h EC50: = 4.71 mg/L (Daphnia magna) 48h EC50: 0.12 - 0.3 mg/L (Daphnia magna) 48h EC50: 0.71 - 0.99 mg/L (Daphnia magna)

**Persistence and Degradability** No information available.

#### Bioaccumulation

#### Component Information

Chemical name	Partition coefficient
Zinc pyriithione	0.9
Third Party Formulation (TP # 1512243)	-0.462
Sodium Benzoate	-2.13
Third Party Formulation (TP # 1512243)	4.2
Third Party Formulation (TP # 1512243)	2.9
Citric acid	-1.72
Third Party Formulation (TP # 1512243)	1.96
Third Party Formulation (TP # 1512243)	4.2
Third Party Formulation (TP # 1512243)	3.25
Third Party Formulation (TP # 1512243)	5.3
Third Party Formulation (TP # 1512243)	3.3
Third Party Formulation (TP # 1512243)	2.93
Third Party Formulation (TP # 1512243)	2.5
Third Party Formulation (TP # 1512243)	5.5
Third Party Formulation (TP # 1512243)	3.97
Third Party Formulation (TP # 1512243)	3.4
Methylchloroisothiazolinone	0.75
Methylisothiazolinone	-0.26
FD&C Blue 1	-6.4
Acid red 33	-2.09
Sodium xylene sulfonate	-3.12

**Mobility** No information available.

**Other adverse effects** No information available.

### 13. DISPOSAL CONSIDERATIONS



**Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

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

**California Waste Codes** 311

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical name	California Hazardous Waste
Zinc pyriithione 13463-41-7	Toxic
Zinc carbonate 3486-35-9	Toxic

**14. TRANSPORT INFORMATION**

**DOT**  
**Proper Shipping Name** NOT REGULATED  
**Hazard Class** NON-REGULATED  
 N/A

**TDG** Not applicable

**MEX** Not applicable

**ICAO** Not applicable

**IATA**  
**Proper Shipping Name** Not applicable  
**Hazard Class** NON REGULATED  
 N/A

**IMDG/IMO**  
**Hazard Class** Not applicable  
 N/A

**RID** Not applicable

**ADR** Not applicable

**ADN** Not applicable

**15. REGULATORY INFORMATION**

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

**International Regulations**

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable



**International Inventories**

<b>TSCA</b>	Contact supplier for inventory compliance status.
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status.
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status.
<b>ENCS</b>	Contact supplier for inventory compliance status.
<b>KECL</b>	Contact supplier for inventory compliance status.
<b>PICCS</b>	Contact supplier for inventory compliance status.
<b>AICS</b>	Contact supplier for inventory compliance status.

**Legend**

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

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
Zinc pyrithione - 13463-41-7	13463-41-7	1.020817	1.0
Zinc carbonate - 3486-35-9	3486-35-9	0.00001	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. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard 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 Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Zinc pyrithione 13463-41-7		X		
Zinc carbonate 3486-35-9	1000 lb	X		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	RQ
Citric acid 77-92-9			RQ Section number 180.950
Zinc carbonate 3486-35-9	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Zinc pyrithione 13463-41-7	X		X	X	
Third Party Formulation (TP # 1512243)			X		
Third Party Formulation (TP # 1512243)	X				
Third Party Formulation (TP # 1512243)				X	
FD&C Blue 1 3844-45-9		X			
Zinc carbonate 3486-35-9	X	X	X	X	

## 16. OTHER INFORMATION

**NFPA** Health hazards 3 Flammability 0 Instability 0 Physical and Chemical Properties -  
**HMIS** Health hazards 3 \* Flammability 0 Physical hazards 0 Personal Protection X  
 Chronic Hazard Star Legend \* = Chronic Health Hazard

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### **Disclaimer**

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**End of Safety Data Sheet**