

# **Summit® Mosquito Bits® (vers. 02/12/2016)**

## **Safety Data Sheet**

According to Federal Register / Vol. 77, No. 58 / Monday March 26 2012 / Rules and Regulations

### **SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

#### **1.1 Product Identifier**

Product name: **Summit® Mosquito Bits®**

USEPA Registration No.: 6218-73

#### **1.2 Relevant identified uses of the substance or mixture and uses advised against**

#### **1.3 Details of the Supplier of the safety data sheet**

Summit Chemical Company

235 S. Kresson Street

Baltimore, MD 21224-2616

800-227-8664

Summitchemical.com

US EPA Establishment No. 6218-MD-2

#### **1.4 Emergency Telephone Number**

**CHEMTEL in the USA: 800-2255-3924**

**Outside the USA: +01-813-248-0585**

### **SECTION 2: HAZARDS IDENTIFICATION**

#### **2.1 Classification of Substance or Mixture**

Classification (GHS-US)

Not Classified

#### **2.2 Label Elements**

GHS-US Labeling

No labeling applicable

#### **2.3 Other Hazards**

No additional information available

#### **2.4 Unknown Acute Toxicity**

No Data Available

### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

## MIXTURE

| NAME                                                                                                                                                                                     | PRODUCT IDENTIFIER                | %    | CLASSIFICATION |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------|----------------|
| <i>Bacillus thuringiensis</i> subspecies <i>israelensis</i> solids, spores and insecticidal toxins*<br>7,000 aedes egypti (AA) International Toxic Units (ITU) per mg of primary powder. | None: Microbial active ingredient | 2.85 | Not classified |

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of First Aid Measures

##### **First Aid Measures General**

: Never Give anything by mouth to an unconscious person. If You feel unwell, seek medical advice (show the label where possible)

##### **First Aid Measures after Inhalation**

: Assure fresh air breathing. Allow the victim to rest.

##### **First Aid measures after skin contact**

: Remove affected clothing and wash all exposed skin area with Mild soap and water, followed by warm water rinse.

##### **First aid measures after skin contact**

: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

##### **First aid measures after ingestion**

: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention

#### 4.2 Most Important symptoms and effects, both acute and delayed

##### **Symptoms/injuries**

: Not expected to present a significant hazard under anticipated conditions of normal use.

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

No additional information available

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

##### **Suitable Extinguishing Media**

: Foam. Dry powder. Carbon Dioxide. Water Spray. Sand

##### **Unsuitable Extinguishing Media**

: Do not use heavy water stream

#### 5.2 Special Hazards Arising from the Substance or Mixture

No additional information available.

#### 5.3 Advice For Firefighters

##### **Firefighting instructions**

: None

##### **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**

: Isolate from fire, if possible, without unnecessary risk.

##### 6.1.1 For Non-Emergency Personnel

##### **Emergency Procedures**

: Evacuate unnecessary personnel.

### **6.1.2 For Emergency Responders**

Protective Equipment : Equip Cleanup crew with proper protection  
Emergency Procedures : Ventilate Area

### **6.2 Environmental Precautions**

Prevent entry to sewers and public waters.

### **6.3 Methods and Material for Containment and Cleaning Up**

See Heading 8. Exposure controls and personal protection

## **SECTION 7: HANDLING AND STORAGE**

### **7.1 Precautions for Safe Handling**

Precautions for Safe Handling : Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking tobacco, or chewing gum and when leaving work.

### **7.2 Conditions for Safe Storage, Including any Incompatibilities**

Storage Conditions : Keep only in the original container with original label in a cool, well ventilated place away from Children. Keep Container closed when not in use.  
Incompatible Products : Strong bases, acids.  
Incompatible Materials : Sources of Ignition

### **7.3 Specific End Use(s)**

No additional information available.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1 Control Parameters**

|                                                                                                                                                                                          |                   |         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------|
| <i>Bacillus thuringiensis</i> subspecies <i>israelensis</i> solids, spores and insecticidal toxins*<br>7,000 aedes egypti (AA) International Toxic Units (ITU) per mg of primary powder. |                   |         |
| USA ACGIH                                                                                                                                                                                | ACGIH TWA (mg/m3) | 5 mg/m3 |

### **8.2 Exposure Controls**

Personal protective Equipment : Avoid all unnecessary exposure.  
Hand protection : Wear protective gloves.  
Eye Protection : Chemical Goggles or safety glasses.  
Respiratory protection : Wear approved mask.  
Other information : When using do not eat, drink, or smoke.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on Basic Physical and Chemical Properties**

Physical State : Solid, granule  
Color : Light Brown  
Odor : Mild  
Odor Threshold : No data available.

|                                             |                     |
|---------------------------------------------|---------------------|
| pH                                          | : NA                |
| Relative Evaporation rate (butyl acetate=1) | : No data available |
| Melting Point                               | : No data available |
| Freezing Point                              | : No data available |
| Boiling Point                               | : No data available |
| Flash Point                                 | : No data available |
| Self Ignition Temperature                   | : No data available |
| Decomposition Temperature                   | : No data available |
| Flammability (solid, gas)                   | : No data available |
| Vapor Pressure                              | : No data available |
| Relative vapor density at 20 degrees C      | : No data available |
| Relative density                            | : No data available |
| Density                                     | : No data available |
| Solubility                                  | : No data available |

## **9.2 Other Information**

No additional information available.

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1 Reactivity**

No additional information available.

### **10.2 Chemical Stability**

Stable under normal conditions

### **10.3 Possibility of hazardous reactions**

Not established

### **10.4 Conditions to Avoid**

Heat. Extremely High Temperatures

### **10.5 Incompatible Materials**

No Data Available

### **10.6 Hazardous Decomposition Products**

None

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1 Information on Toxicological Effects**

Acute Toxicity : Not classified

|                                                                                                     |                        |
|-----------------------------------------------------------------------------------------------------|------------------------|
| <i>Bacillus thuringiensis</i> subspecies <i>israelensis</i> solids, spores and insecticidal toxins* |                        |
| 7,000 aedes egypti (AA) International Toxic Units (ITU) per mg of primary powder.                   |                        |
| LD50 oral rat                                                                                       | ➤ 10000 mg/kg (Rat)    |
| LD50 dermal rabbit                                                                                  | ➤ 10000 mg/kg (Rabbit) |

Skin corrosion/irritation : Not classified

Serious Eye damage/irritation : Not classified

Respiratory or skin sensitization : Not Classified

Germ Cell Mutagenicity : Not Classified

Carcinogenicity : Not Classified

*Bacillus thuringiensis* subspecies *israelensis* solids, spores and insecticidal toxins\*

|                                                                                   |                     |
|-----------------------------------------------------------------------------------|---------------------|
|                                                                                   |                     |
| 7,000 aedes egypti (AA) International Toxic Units (ITU) per mg of primary powder. |                     |
| IARC Group                                                                        | 3- Not Classifiable |

|                                                     |                                                                    |
|-----------------------------------------------------|--------------------------------------------------------------------|
| Reproductive Toxicity                               | : Not Classified                                                   |
| Specific Target Organ Toxicity (Single Exposure)    | : Not Classified                                                   |
| Specific Target Organ Toxicity (Repeated Exposure)  | : Not Classified                                                   |
| Aspiration Hazard                                   | : Not Classified                                                   |
| Potential Adverse Human Health Effects and Symptoms | : Based on available data, the classification criteria are not met |

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

No additional information available.

### 12.2 Persistence and Degradability

|                               |                 |
|-------------------------------|-----------------|
| Summit® Mosquito Bits®        |                 |
| Persistence and Degradability | Not Established |

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Summit® Mosquito Bits®        |                                             |
| Persistence and Degradability | Contains readily biodegradable component(s) |

### 12.3 Bioaccumulative Potential

|                           |                 |
|---------------------------|-----------------|
| Summit® Mosquito Bits®    |                 |
| Bioaccumulative Potential | Not established |

|                           |                                    |
|---------------------------|------------------------------------|
| Summit® Mosquito Bits®    |                                    |
| Bioaccumulative Potential | No bioaccumulation data available. |

### 12.4 Mobility in Soil

No additional information available

### 12.5 Other Adverse Effects

Other Information : Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods

|                                |                                                                          |
|--------------------------------|--------------------------------------------------------------------------|
| Waste Disposal Recommendations | :Dispose in a safe manner in accordance with local/national regulations. |
| Ecology – Waste Materials      | : Avoid Release into the environment                                     |

#### **SECTION 14: TRANSPORT INFORMATION**

In accordance with DOT

Non dangerous good in sense of transport regulations

Additional Information

Other information

: No supplementary information  
Available

#### **ADR**

Transport document description

Transport by Sea

No additional information available.

Air Transport

No additional information available.

#### **SECTION 15: REGULATORY INFORMATION**

This chemical is a 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.

#### **CAUTION: KEEP OUT OF REACH OF CHILDREN**

Causes moderate eye irritation.

#### **15.1 US Federal Regulations**

|                                                                               |
|-------------------------------------------------------------------------------|
| Summit® Mosquito Bits®                                                        |
| Not listed on the United States TSCA (Toxic Substances Control Act) Inventory |

|                                                                               |
|-------------------------------------------------------------------------------|
| Summit® Mosquito Bits®                                                        |
| Not listed on the United States TSCA (Toxic Substances Control Act) Inventory |

#### **15.2 International Regulations**

##### **CANADA**

No Additional Information Available

##### **EU-Regulations**

No Additional Information Available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

#### **15.3 US State Regulations**

|                        |
|------------------------|
| Summit® Mosquito Bits® |
|                        |

#### **SECTION 16: OTHER INFORMATION**

Other Information

: None