

**SAFETY DATA SHEET**  
According to Regulation EC No. 1907/2006

**Section 1. Identification of the substance/mixture and of the company/undertaking**

**1.1 Product** Battles Louse Powder + 0.5%

**Identifier**

**Other Identifier**

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

**Product Use** Contact insecticide

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

**Company** Battle, Hayward & Bower Ltd.,  
Crofton Drive,  
Lincoln.  
LN3 4NP

**Telephone** 01522 541241

**Email address** [phillip@battles.co.uk](mailto:phillip@battles.co.uk)

**1.4. Emergency telephone number**

**Telephone** 01522 541241

**Section 2. Hazards identification**

**2.1**

**Classification under Regulation (EC) No. 1272/2008**

Acute Aquatic 1

Chronic Aquatic 1

**2.2 Label elements**

**Classification under Regulation (EC) No. 1272/2008**

Pictogram



Signal word

Warning

Hazards statements

Very toxic to aquatic life with long lasting effects.

Precautionary statements

Avoid release to the environment.

Dispose of waste and residues in accordance with local authority requirements

Collect spillage

**2.3 Other hazards**

**Section 3: Composition / Information on ingredients**

**3.1 Substances**

**3.2 Mixtures**

Chemical name	Registration number(s)	Classification Regulation (EC) No. 1272/2008	Concentration
Permethrin	052645-53-1 258-067-9	Acute Tox 4 Skin Sens 1 Aquatic Acute 1 Aquatic Chronic 1	<1%

Talc	14807-96-6 238-877-9	Not classified	
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#### Section 4: First Aid Measures

##### 4.1 Description of first aid measures

General advice	Provide rest, warmth and fresh air. Seek medical advice.
If in eyes	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and continue rinsing
If inhaled	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
In case of skin contact	Remove contaminated clothing. Wash with soap and water.
If swallowed	Do NOT induce vomiting Never give anything by mouth to an unconscious person Obtain medical attention

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

CNS depression, nausea, headache, vomiting, narcosis, drowsiness, eye and skin irritation

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

No data available

#### Section 5: Firefighting Measures

##### 5.1 Extinguishing media

**Suitable** Water, foam, powder or carbon dioxide.

**extinguishing media**

**Unsuitable extinguishing media**

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

##### 5.3. Advice for fire fighters

In the event of a fire, wear self-contained breathing apparatus

#### Section 6: Accidental release measures

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

Use personal protective equipment

Avoid breathing dust

##### 6.2. Environmental precautions

Prevent product from entering drains, watercourses.

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

Contain spillage, carefully sweep into a closed container, dispose of in accordance with local regulations. Avoid generation and spreading of dust.

##### 6.4. Reference to other sections

#### Section 7: Handling and storage

##### 7.1. Precautions for safe handling

Keep container tightly closed  
 Wash hands after handling  
 Avoid dust formation.  
 Persons susceptible to allergic reactions should not handle this product.

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

Keep container tightly closed  
 Store in a well-ventilated place.  
 Store locked up, away from food, feedstuffs, and other sensitive materials.

**7.3. Specific end use(s)**

**Section 8: Exposure controls / personal protection**

**8.1. Control parameters**

Components with workplace control parameters

Component	Cas – No.	Value	Control parameters	Basis
Talc	14807-96-6	TWA	1 mg/m <sup>3</sup>	UK EH40 WEL Workplace Exposure Limits

**8.2. Exposure controls**

Keep container tightly closed  
 Wash hands thoroughly after handling  
 Avoid breathing dust

**Section 9: Physical and chemical properties**

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

<b>Appearance</b>	No data available
<b>Odour</b>	No data available
<b>pH</b>	No data available
<b>Melting point / freezing point</b>	No data available
<b>Initial boiling point and boiling range</b>	No data available
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper / lower flammability or explosive limits</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Vapour density</b>	No data available
<b>Relative density</b>	No data available
<b>Solubility(ies)</b>	No data available
<b>Partition coefficient: n-octanol / water</b>	No data available
<b>Auto ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidising properties</b>	No data available

**9.2. Other information**

## Section 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to avoid

Heat, flames and sparks

### 10.5. Incompatible materials

Avoid contact with strong acids, alkalis or oxidising agents

### 10.6. Hazardous decomposition products

Toxic gases of carbon monoxide and carbon dioxide

## Section 11: Toxicological information

Low mammalian toxicity

## Section 12: Ecological information

### 12.1 Toxicity

This product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

### 12.2 Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

Insoluble in water

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Other adverse effects

## Section 13: Disposal considerations

Dispose of waste and residues in accordance with local authority requirements

## Section 14: Transport information

### 14.1. UN number

3077

### 14.2. UN proper shipping name

Environmentally hazardous substance, solid NOS  
Permethrin

### 14.3. Transport hazard class(es)

9

### 14.4. Packing group

III

### 14.5. Environmental hazards



### 14.6. Special precautions for user

EMS F-A, S-F, EAC 2Z, Hazard No. 90, Tunnel  
Restriction Code E

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

## **Section 15: Regulatory information**

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

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006  
HSE 10253

### **15.2. Chemical safety assessment**

No data available

## **Section 16: Other information**