

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY

**Product name** Bronte Weedkiller  
**Use** Home & Garden  
**Formulation** Ready to use solution  
**Supplier:** Assured Products Limited, Unit 1, Stonehouse road, Wigan WN5 0LE  
**Emergency No** +44 (0)844 879 7504 (Mon-Fri 8:00am-5:00pm GMT)

## 2. HAZARDS IDENTIFICATION

**Unclassified**

**Additional information** For the wording of risk and safety phrases refer to section 15.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	CAS/EINECS	H Phrases	%w/w
Acetic acid	64-19-7/ 200-580-7	Flammable liquid, H226; Causes severe skin burns and eye damage H314 Aquatic chronic 3, H412	6%

**Additional information** For the wording of the listed risk phrases refer to section 16.

## 4. FIRST AID MEASURES

### General information:

Show this safety data sheet to the doctor.  
Remove any clothing soiled by the product.

### After inhalation:

Supply fresh air or oxygen; call for doctor.  
If breathing is irregular or stopped, administer artificial respiration.

### After skin contact:

If on skin; Wash with plenty of soap and water.

### After eye contact:

Rinse opened eye for several minutes under running water. Then consult doctor.

### After swallowing:

Wash out mouth thoroughly, seek medical advice immediately, show label or container.

### Information for doctor:

Treat symptomatically.

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

No further relevant information available.

## 5. FIRE FIGHTING MEASURES

### Suitable extinguishing agents

The product is not directly flammable. Use CO<sub>2</sub>, extinguishing powder or water jet.  
Fight larger fires with water jet or alcohol-resistant foam.

### Special hazards arising from the substance or mixture

Formation of toxic gases possible during heating or in fire: carbon monoxide (CO) and hydrocarbons.

### Protective equipment:

Put on self-contained breathing apparatus.  
Do not inhale explosion or combustion gases.

### Additional Information:

Cool endangered containers with water spray,

## 6. ACCIDENTAL RELEASE MEASURES

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

Wear protective equipment. Keep unprotected people away.

### Environmental precautions:

Inform respective authorities in case product reaches water or sewage system.

Do not allow to enter drainage system, surface or ground water.

**Methods and material for containment and cleaning up:**

Absorb with liquid binding material (sand, diatomite, acid binder, universal binder, sawdust).

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

**Reference to other sections:**

See Section 7 for safe handling, 8 for personal protection equipment, 13 for disposal information

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Wash hands before breaks and at the end of work.

**Information about protection against explosions and fires:**

Keep ignition sources away. Do not smoke. The product is not flammable.

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

**Storage: Requirements to be met by storerooms and containers:**

Keep container tightly sealed. Store in cool, dry place. Store only in original container.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:**

Store under dry conditions. Protect from frost. Protect from heat and direct sunlight.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**Components with limit values that require monitoring at the workplace:** No data

The product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

**Personal protective equipment**

The usual precautionary measures should be adhered to general rules for handling chemicals.

Avoid contact with the eyes and skin. Do not eat, drink or smoke while working.

Keep away from foodstuffs, beverages and food. Take off immediately all contaminated clothing

Keep out of reach of children.

Keep children and pets away from treated areas until spray has dried.

**Breathing equipment:**

In the case of insufficient ventilation, breathing protection is recommended. Recommended filter device: Filter E

**Protection of hands:**

Protective gloves (rubber)

**Eye protection:**

Safety glasses

**Body protection:**

Protective work clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

**Melting point or range:**

Not determined

**Danger of explosion:**

Product is not explosive.

**Form:** Liquid

**Boiling point or range:**

100°C

**Density:** 1.01 g/cm<sup>3</sup>

**Colour:** Colourless

**Flash point:**

Not applicable

**pH-value at 20°C:** 2.81

(use concentration)

**Odour:** Characteristic

**Self-Flammability:**

Not self-igniting

**Solubility / Miscibility (water):**

Soluble in water

## 10. REACTIVITY AND STABILITY

**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications

**Possibility of hazardous reactions:** No information available.

**Conditions to avoid:** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** In fire conditions or when heated to high temperatures, toxic gases such as carbon monoxide and carbon dioxide may be released

<b>11. TOXICOLOGICAL INFORMATION</b>		
<b>LD/LC50 values that are relevant for classification (from active substance):</b>		
Acute toxicity	Oral LD50 : 3310 mg/kg (rat)	Dermal LD50 : >2000 mg/kg (rat)
	Inhalation LC50/4 h > 40 mg/l (rat)	
<b>Classification for formulated product</b>		
<b>Skin Irritation:</b> Not classified. <b>Eye Irritation :</b> Not classified.		
<b>Sensitisation:</b> No sensitization effect known.		
<b>12.ECOLOGICAL INFORMATION</b>		
<b>Aquatic toxicity (from active substance):</b>		
Fish LC50: >300 mg/l	Daphnia LC50: >300 mg/l	Algae EC50: >300 mg/l
<b>Persistence and degradability:</b> Not persistent in water, readily biodegradeable.		
<b>Bioaccumulative potential :</b> Does not bioaccumulate.		
<b>Mobility in soil:</b> no data available		
<b>Notes:</b> Avoid release to the environment		
Do not allow product to reach groundwater, water bodies or sewage system.		
<b>13. DISPOSAL</b>		
<b>Waste or used preparation:</b> Dispose of unused product in its container at a household waste site. Contact your local council (local authority).		
<b>Disposal of packaging:</b> Dispose of empty container in a dustbin		
<b>14. TRANSPORT</b>		
For information only		
Not regulated for transport		
<b>15. REGULATORY INFORMATION</b>		
<b>Designation according to EC guidelines:</b>		
<i>The product has been classified and labelled in accordance with EC Directives</i>		
<b>Hazard-determining components of labelling:</b> Acetic acid		
<b>Precautionary (P) phrases:</b>		
102	Keep out of reach of children	
270	Do not eat, drink or smoke when using this product	
273	Avoid release to the environment	
501	Dispose of contents in accordance with local regulations.	
SPe8	Dangerous to bees. To protect bees and pollinating insects do not apply when crop plants and weeds are in flower. Do not use where bees are actively foraging.	
<b>16. OTHER INFORMATION</b>		
R Phrases referenced in section 3:		
H226	Flammable liquid	
H314	Causes severe skin burns and eye damage.	
H412	Harmful to aquatic life with long lasting effects	
<i>Prepared by Assured Products Ltd to the best of our current knowledge and information.</i>		
<i>No responsibility is accepted that the information will be sufficient or correct in all cases. Created 3<sup>rd</sup> September 2018    issue 2    Revision Date 3<sup>rd</sup> September 2020</i>		