



**1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY**

Safety Data Sheet for: **WEEDOL GUN!**

**Synonyms:**

**Common name of active ingredient:** Diquat ion

**Intended Use:** For use only as a Home Garden Weedkiller for use on unwanted vegetation.

**Dilution:** Ready for use

**For further information contact:** The Scotts Company (UK) Limited, Salisbury House, Weyside Park, Catteshall Lane, Godalming, Surrey GU7 1XE. Telephone: (01483) 410210.

**24hr Emergency Line Tel:** 01865 407333

**Date of Introduction:** January 1999

**Date of Withdrawal:**

**Date of Change:**

**2. COMPOSITION INFORMATION ON INGREDIENTS (Directive 91/155/EC)**

Spec. No: 007452

Ingredient(s)	Composition	CAS No	Symbol	R phrases
Diquat ion (as dibromide)	1g/l (ion)	2764-72-9	T	R24/25-36/37/38
1,2-benzisothiazolin-3-one	0.1g/l	2634-33-5	Xn	R22-38-43

**3. HAZARDS IDENTIFICATION**

**Classification:** Not classified                      **Symbol(s):** Not required

**Ingestion:** Unlikely to pose significant risk unless significant quantities ingested.

**Eye contact:** Not classified as irritant

**Skin contact:** No significant hazard by skin absorption, not classified as irritant

**Inhalation:** Unlikely to cause harmful effects under normal conditions of handling and use.

**PRECAUTIONS (from the label):** DO NOT BREATHE SPRAY; KEEP OFF SKIN; WASH HANDS AND EXPOSED SKIN AFTER USE; WASH OFF SPLASHES IMMEDIATELY.

**4. FIRST-AID MEASURES**

**Ingestion:** If swallowed seek medical advice immediately and show the container, label or this Data Sheet, if possible.

**Eye contact:** Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Seek medical attention.

**Skin contact:** Take off contaminated clothing. Wash skin with soap and water. Contaminated clothing should be laundered before reuse.

**Inhalation:** Remove patient from exposure, keep warm and at rest. Obtain medical attention as a precaution.

**5. FIRE-FIGHTING MEASURES**

Non-flammable with no risk of explosion. Thermal decomposition will evolve toxic and irritant vapours. In the event of fire, use foam or water fog avoiding the use of water jets. Contain all run-off water. Self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure suitable personal protection during removal of spillages as detailed in section 8. Clean up methods: cover spillage with moist sand, soil or sawdust. Transfer to a container for disposal (see section 13). Wash the spillage area with water. Spillages or uncontrolled discharge into water courses must be alerted to the appropriate regulatory body

## 7. HANDLING AND STORAGE

Storage instructions: PROTECT FROM FROST. Keep in original container, tightly closed, in a safe place away from children and pets. Keep away from food drink and animal feeding stuffs. Protect from direct sunlight, frost and temperatures in excess of 40°C.

**Shelf life:** At least 2 years  
**Product packaging:** 1 litre HDPE trigger spray container  
**Special precautions:** Mildly corrosive if left in contact with ferrous metal

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**For normal use:** None required – gloves may be worn for personal hygiene if desired, (from the label): DO NOT BREATHE SPRAY; KEEP OFF SKIN; WASH HANDS AND EXPOSED SKIN AFTER USE; WASH OFF SPLASHES IMMEDIATELY.

**In case of accidental spillage or handling of bulk product:** Ensure suitable personal protection during removal of spillages. This means wearing face shield against dust, eye protection, chemically resistant gloves, boots and coveralls

**Occupational Exposure Standard(s) EH40/98:** OES for Diquat as Diquat dibromide: LTEL 8 hr TWA: 0.5 mg/m<sup>3</sup>; STEL 15 min 1 mg/m<sup>3</sup>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical nature:</b>	Liquid	<b>Flash point:</b>	>105°C
<b>Appearance / Odour:</b>	Light brown/Odourless	<b>Flammability:</b>	Not available
<b>Water solubility:</b>	Soluble	<b>Decomposition temperature:</b>	Not available
<b>Lipid solubility:</b>	Not available	<b>Hazardous polymerization:</b>	Not available
<b>Specific Gravity:</b>	1.0-1.05g/ml	<b>Explosion limits:</b>	Not available
<b>Boiling point:</b>	Not available	<b>pH:</b>	Not available
<b>Oxidising properties:</b>	Not available	<b>Other:</b>	Not available

## 10. STABILITY AND REACTIVITY

**Stability (normal conditions):** Stable  
**Conditions to avoid:** None known  
**Incompatible with:** Mildly corrosive if left in contact with ferrous metal  
**Hazardous decomposition products:** Combustion or thermal decomposition will evolve toxic and irritant vapours

## 11. TOXICOLOGICAL INFORMATION

**Acute Oral LD<sub>50</sub>:** Oral median dose >2000mg/kg (by calculation) Lethal dose for a man 4-6 grammes of diquat.  
**Acute Dermal LD<sub>50</sub>:** Acute Dermal Lethal Dose (>4000 mg/kg rat) by calculation  
**Inhalation:** Unlikely to cause harmful effects under normal conditions of handling and use.

**Skin :** No significant hazard by skin absorption, not classified as irritant.  
**Eyes:** Not classified as irritant.  
**Other:** Not available

**References:** Suppliers information

## 12. ECOLOGICAL INFORMATION

Diquat is not considered hazardous to the aquatic environment, although large quantities in water may upset ecological balance. Diquat is deactivated on contact with soil and has no residual activity.

**Reference:** Supplier information

