

SAFETY DATA SHEET



Product Name: WEEDOL 2 **Reference No:** 388

Version No.: 1 **Revision Date:** - **Date of Introduction:** September 2004

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name WEEDOL 2
Common name of active ingredient Diquat dibromide
Intended use For use only as a Home Garden Weedkiller
Company Identification
Consumer Business Group
The Scotts Company (UK) Limited
Salisbury House
Weyside Park, Catteshall Lane **Telephone +44 (0) 1483 410210**
Godalming, Surrey GU7 1XE
Emergency Telephone 01865 407333 (24hr)

2. COMPOSITION / INFORMATION ON INGREDIENTS

NPK: Not applicable

Chemical Characterisation

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
Diquat dibromide	000085-00-7	201-579-4	T+R26, T:R48/25, Xn: R22, Xi: R36/37/38 R43, N:R50/53	5%w/w ion

3. HAZARDS IDENTIFICATION

Health:

General Contains diquat dibromide. May produce an allergic reaction.
Ingestion Unlikely to cause harmful effects under normal conditions of handling and use.
Eye contact May cause mild irritation.
Skin contact Irritant. Irritating to skin.
Inhalation Unlikely to cause harmful effects under normal conditions of handling and use.

Environmental: DANGEROUS FOR THE ENVIRONMENT.
Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

General information

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

Skin contact Take off immediately all contaminated clothing. Wash skin immediately with water, followed by soap and water. Contaminated clothing should be laundered before reuse. Obtain medical attention if symptoms develop.

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

Ingestion If swallowed, seek medical advice immediately and show the container or label.

5. FIRE FIGHTING MEASURES

General hazard Non-flammable

Extinguishing media Foam, carbon dioxide (CO₂), water fog or dry powder extinguishant.

Extinguishing media to avoid Water jet

Special exposure hazards None known

Protective equipment Self contained breathing apparatus and suitable protective clothing.

Further information Prevent fire-water run off from entering drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up	Ensure suitable personal protection during removal of spillages (see also section 8). Cover spillage with moist sand, soil or sawdust. Transfer into a labelled container for disposal (see section 13).
Environmental considerations	Spillages or uncontrolled discharge into watercourses must be alerted to the appropriate regulatory body.

7. HANDLING & STORAGE

Advice on safe handling	Avoid contact with skin and eyes. When using do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking.
Storage conditions	Keep away from children and pets. Keep in original container, tightly closed, in a safe place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls	Monitoring of the workplace should be considered in accordance with EH40 (or equivalent) controls. LTEL (8 hour TWA): 0.5mg/m ³ Diquat dibromide STEL (15 min): 1.0mg/m ³ Diquat dibromide
Engineering controls	Ensure adequate ventilation of working area.
Personal protection	Observe normal standards for handling chemicals. Wash hands before breaks and after use. In case of accidental spillage of bulk product, wear personal protective equipment appropriate to the task (see below)
Eye protection	Faceshield, BSEN1663F (minimum)
Skin protection	Nitrile gloves
Respiratory protection	Dust mask, EN149:2001FFP3 (e.g. if ventilation is insufficient)
Other protection	Protective overall and rubber boots.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Granules
Colour	Blue
Odour	Not available
pH	5-7 (1% solution)
Boiling pt / range	Not applicable
Flammability	Not available
Bulk density	0.6 to 0.7g/ml
Water solubility	Soluble
Additional information	None

10. STABILITY & REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	None known.
Material to avoid	Diquat can be corrosive to metals, e.g., aluminium, zinc, iron.
Hazardous reactions	None known.
Hazardous decomposition products	Combustion or thermal decomposition will evolve toxic, irritant and flammable vapours.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Oral LD ₅₀	Rat	>2000mg/kg	Product
	Dermal LD ₅₀	Rat	>2000mg/kg	Product
Skin irritation	Rabbit		Moderate irritant	Product
Buehler	Guinea pig		Non-sensitiser	Product
Eye irritation	Rabbit		Mild irritant	Product

12. ECOLOGICAL INFORMATION

Acute toxicity	No data available for the product
Degradability	No data available for the product
Further information	None

13. DISPOSAL CONSIDERATIONS

User	Empty containers should not be used for any other purposes. Do not contaminate ponds, waterways or ditches with chemical or used containers. Disposal should be in accordance with local or national legislation.
Surplus bulk product / spillage	In accordance with national and local authority regulations, e.g. special waste (e.g. Special Waste Regulations) or incineration, after consultation with the operator.

14. TRANSPORT INFORMATION

United Nations number	Not classified for transport.
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15. REGULATORY INFORMATION

Classification & labelling

This Safety Data Sheet does not form part of the label approved under the Control of Pesticide Regulations 1986.

To avoid risks to man and the environment, comply with the instructions for use.



**DANGEROUS
FOR THE
ENVIRONMENT**



IRRITANT

Current registration no.

MAFF 09546

Risk phrases

IRRITATING TO SKIN.
TOXIC TO AQUATIC ORGANISMS.

Safety phrases / precautions
(from the label)

KEEP OFF SKIN.
WASH ANY GRANULES OR DUST FROM SKIN AND EYES IMMEDIATELY.
WASH HANDS AFTER USE.
KEEP AWAY FROM CHILDREN AND PETS.
KEEP PETS OFF TREATED AREAS UNTIL DRY
DO NOT CONTAMINATE SURFACE WATER OR DITCHES with chemical or used container.
KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
EMPTY SACHET COMPLETELY and dispose of safely

Keep out of the reach of children.
Do not empty into drains.
If swallowed, seek medical advice immediately and show this container or label.
Contains diquat dibromide. May produce an allergic reaction

16. OTHER INFORMATION

Further information

The Control of Substances Hazardous to Health Regulations (COSHH) may be applicable to the use of this product.

Risk phrases referred to in section 2 for composite ingredients.

R22: Harmful if swallowed
R26: Very toxic by inhalation
R36/37/38: Irritating to eyes, respiratory system and skin.
R43: May cause sensitisation by skin contact.
R48/25: Toxic, danger of serious damage to health by prolonged exposure if swallowed.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

For further advice authorised persons (e.g. doctor) may contact the National Poisons Information Service Centre:

UK National number: 0870 600 6266

Eire (Dublin) 00 3531 8379964 or 00 3531 8379966

Sources of data

EH40/2002 and other suppliers' safety data sheets

Date of issue

September 2004

The information on this sheet is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product.

It is not applicable to unusual or non standard uses of the product nor where instructions or recommendations are not followed.