



1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY			
Safety Data Sheet for:		AQUANOVA	
Common name of active ingredient:		Active non-ionic wetting agent	
Intended Use:		For use only as an horticultural wetting and penetrating agent	
Dilution:		Refer to the product label.	
<p>For further information contact: Professional Business Group, The Scotts Company (UK) Limited, Paper Mill Lane, Bramford, Ipswich, England IP8 4BZ. Telephone: (01473) 830492.</p> <p>24hr Emergency Line Tel: 01865 407333</p> <p>Date of Introduction: February 1999</p> <p>Date of Withdrawal:</p> <p>Date of Change:</p>			
2. COMPOSITION INFORMATION ON INGREDIENTS (Directives 91/115 EEC and 93/112/EC)			
Ingredient(s)	Composition	Symbol	R phrases
Non-ionic polyethylene polyol	>80%w/w	Xn	R22; R36/38
Non-ionic ethoxylate	5-10%w/w	Xn	R22; R41-37/38
3. HAZARDS IDENTIFICATION			
Classification: None		Symbol(s): Not required	
Ingestion: Not classified as harmful			
Eye contact: Not classified as irritating to eyes			
Skin contact: Not classified as irritating to skin			
Inhalation: Unlikely to cause harmful effects under normal conditions of handling and use.			
PRECAUTIONS (from the label): Keep out of reach of children. Users are cautioned to take reasonable safety precautions when handling and applying this product. Do not use on food crops destined for human or animal consumption.			
4. FIRST-AID MEASURES			
Ingestion: Obtain medical advice as a precaution showing the container, label or this Data Sheet, if possible.			
Eye contact: Irrigate with eyewash solution or clean water, holding the eyelids apart for at least 15 minutes. Obtain medical advice as a precaution.			
Skin contact: Remove contaminated clothing and wash contact area with soap and water for 15 minutes. Contaminated clothing should be laundered before reuse.			
Inhalation: Remove patient from exposure. Obtain medical advice as a precaution.			
5. FIRE-FIGHTING MEASURES			
Extinguishing media: Water spray, dry chemical, foam, carbon dioxide.			
Fire fighters should wear butyl rubber boots, gloves and body suit and a self-contained breathing apparatus.			
A direct stream of water may cause foaming. Use water to cool containers exposed to fire.			
6. ACCIDENTAL RELEASE MEASURES			
Spillage of bulk material: Evacuate non-essential personnel, eliminate ignition sources and wear protective clothing as detailed in section 8.			
Shut off source of leak only if safe to do so. Contain spill. Recover free product. To clean up residue, flush sparingly with water or use an absorbent material. It may be necessary to remove contaminated soil.			
Transfer to a container for disposal. Wash the spillage area with water. Washings must be prevented from entering surface water drains (see section 13). Spillages or uncontrolled discharge into water courses must be alerted to the appropriate regulatory body.			

7. HANDLING AND STORAGE

Storage Instructions: Read the label before use. Store upright in original container, tightly closed, in a safe place. Store in ventilated, cool, dry place away from frost. Store away from foodstuffs. Do not store above 120°C. Keep out of reach of children.

Shelf life: At least 2 years
Product packaging: 10 litre polythene bottles
Packs per outer 2 x 10 litres
Special precautions: None known

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

For normal use(from the label): None required, gloves may be worn for personal hygiene if desired.
In case of accidental spillage or handling of bulk product: Ensure suitable personal protection during removal of spillages. If vapours or mists are generated wear approved vapour/mist respirator. Mechanical general ventilation is usually adequate. Local mechanical ventilation may be required. Gloves, coveralls, apron, boots as necessary to prevent skin contact as needed and safety glasses.
Open wounds or skin surface disruptions should be covered with a chemical resistant patch to minimize absorption risks. Clean clothing should be worn daily to avoid possible long-term build up of the product leading to chronic overexposure.
Occupational Exposure Standard(s):
None assigned

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical nature:	Liquid	Flash point:	Not available
Appearance / Odour:	Clear light yellow liquid, mild odour	Flammability:	Not available
Water solubility:	Slightly soluble	Decomposition temperature:	Not available
Lipid solubility:	Not available	Hazardous polymerization:	Will not occur
Specific Gravity:	1.00-1.07	Explosion limits:	Not available
Boiling point:	Not available	pH:	5.5-7.5
Oxidising properties:	Not available	Other:	None known

10. STABILITY AND REACTIVITY

Stability (normal conditions): Stable
Conditions to avoid: Fire and heat
Incompatible with: Inorganic acids, inorganic bases. Avoid contact with bleaching agents and oxidizers that include chlorine, oxygen, permanganates, perchlorates, percarbonates, peroxides, chromates, hypochlorites, nitric acid and sulphuric acid.
Hazardous decomposition products: Thermal decomposition may produce oxides of various organic and inorganic compounds depending on fire conditions.

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀: >2000 mg/kg (rat) (product)	Skin : Non irritant (product)
Acute Dermal LD₅₀: >2000 mg/kg (rabbit) based on similar product.	Eyes: Non irritant (product)
Inhalation: Unlikely to cause harmful effects under normal conditions of handling and use.	Other: None known

12. ECOLOGICAL INFORMATION

Material is practically non-toxic to aquatic organisms on an acute basis (LC₅₀/EC₅₀)>100 mg/L in most sensitive species.
Other: None
Precautions (from the label): None applicable

13. DISPOSAL CONSIDERATIONS:

User: Empty containers should not be used for 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: Via local authority or authorised waste disposal contractor. Note: Product may cause foaming problems.

14. TRANSPORT INFORMATION:

Not classified as Dangerous for Transport

15. REGULATORY INFORMATION :

Classification: Not classified

Symbol(s): Not required

Current Registration Number: Not applicable

PRECAUTIONS (from the label): Keep out of reach of children. Users are cautioned to take reasonable safety precautions when handling and applying this product. Do not use on food crops destined for human or animal consumption.

Product not classified as hazardous under Directive 67/548/EEC and 88/379/EC as amended.

The Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

16. OTHER INFORMATION

For further advice authorized persons (Doctor/Veterinary Surgeon) may contact the National Poisons Information Service Centre:

Belfast: 01232 240503
Birmingham: 0121 507 5588 or 0121 507 5589
Cardiff: 029 2070 9901
Dublin: 00 3531 8379964 or 00 3531 8379966
Edinburgh: 0131 5362300 or 0131 5361000
Leeds: Veterinary only: 0113 2450530
London: 020 7635 9191
Newcastle: 0191 2820300 or 0191 232 5131

Reference number: SDS No:070

Version: 1

Date of Sheet: 17th April 2000

The appearance of a 'REVISION' stamp and or colour line in the left-hand side border of any of the boxes indicates a change in the information to the previous issue.

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.