

5/7/94

Version: 1

FISON'S plc HORTICULTURE DIVISION HEALTH AND SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: Fisons Aquamaster
Synonyms:
Common Name of a.i.: Does not apply
CAS No: Does not apply
Registration Number: Does not apply
UN No: Does not apply
Class No: Does not apply

2. FORMULATION

SPEC No: 030450

A blend of non-ionic ethylene oxide derivative surfactants.

Intended Use: For use as an amenity turf wetting agent.
Dilution: 1 in 40 product/water to 1 in 150 product/water.

3. PHYSICAL PROPERTIES

Physical Nature: Liquid
Appearance/Odour: Pale straw / mild odour
Water Solubility: Soluble
pH: 6.0 to 8.0 (2.5% solution)
Lipid Solubility: Not known
Specific Gravity: 1.00 to 1.04 g/ml at 20°C
Boiling Point: Not known
Flash Point: Not known
Flammability: Non-flammable
Hazardous Polymerization: Not known
Explosion Limits: Not known

4. TOXICITY

Classification: None
Occupational Exposure Limits: None
LD50: None available

5. GENERAL HAZARD STATEMENT

Stability (normal conditions): Stable
Conditions to avoid: See below.
Incompatible with: Strong oxidising agents, strong acids and strong alkali.
Hazardous decomposition products: Not known.

6. HEALTH CONSIDERATIONS

Ingestion: Of low oral toxicity / Unlikely to produce any problems.
Eye contact: Slight/Mild irritant.
Skin contact: Prolonged contact may lead to skin degreasing resulting in irritation and soreness.
Skin absorption: Unlikely to occur.
Inhalation: Unlikely to be hazardous by inhalation unless present as an aerosol. High concentrations of mist may be slightly irritant to the upper respiratory tract.

7. PRECAUTIONS (from the label)

Keep away from children and pets.

8. PROTECTIVE CLOTHING

For normal use: None required, gloves may be worn for personal hygiene if desired.

During manufacture: To prevent exposure of personnel engineering controls must be used as far as possible. Whenever handling the concentrate the protective clothing outlined below must be worn.

In case of accidental spillage of bulk product or handling the concentrate: Coverall, faceshield (BS 2092 G1), dust respirator providing a minimum protection factor of 10 which has HSE Type approval, nitrile gloves and rubber boots.

9. FIRST AID

Ingestion: Rinse mouth with water. Seek medical advice if quantity ingested exceeds 100 ml.
Skin Contact: Wash off skin with water. Remove and wash contaminated clothing.
Eye Contact: Irrigate with plenty of water. If irritation persists seek medical advice.
Inhalation: Remove from source of exposure. Seek medical advice if there are persistent symptoms such as burning sensation in throat and chest.

10. STORAGE AND TRANSPORT

Store in original containers, tightly closed in a secure, well ventilated, cool but frost-free dry area. Store away from foodstuffs.

Shelf life: At least 2 years
Product Packaging: 1 litre and 5 litre HDPE containers.
Packaging Group Number: None
Special Precautions: None

11. ENVIRONMENTAL CHARACTERISTICS

Biodegradable at the rates recommended for the purpose intended.

12. EMERGENCY MEASURES

Fire: Low fire hazard, unlikely to ignite except in high heat flux conditions. Extinguish with foam, dry powder or water spray. Use water with care to avoid possible violent production of steam. Contain contaminated run-off.

Spillage of Bulk Material: Wearing protective clothing detailed above: Soak up with absorbent material such as earth or sand and transfer to suitably marked, heavy duty plastic sacks or drums and keep safe before disposal. Report to water authority immediately if spillage enters drains and report to the National Rivers Authority or Rivers Purification Board if it enters surface or ground waters.

13. DISPOSAL OF SURPLUS PRODUCT AND EMPTY CONTAINERS

User: Place empty container in domestic refuse.

Surplus/Bulk Product/Spillage: Via local authority or authorised waste disposal contractor.

14. FOR FURTHER INFORMATION OR IN EMERGENCY (24hr SERVICE) CONTACT:

Fisons plc Horticulture Division
Paper Mill Lane, Bramford, Ipswich, IP8 4BZ.

Telephone: (0473) 830492

National Poisons Information Service Centres
Belfast 0232 240503
Birmingham 021 507 5588 or 021 507 5589
Cardiff 0222 709901
Dublin 010 3531 379964 or 010 3531 379966
Edinburgh 031 229 2477
Leeds 0532 923547 or 0532 316838
London 071 635 9191 or 071 955 5095
Newcastle 091 232 5131

The NPIS should only be contacted by an authorised person.

Date of Introduction: April 1994
Date of Withdrawal:
Date of Change:

Reference Number: HS33