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SAFETY DATA SHEET.

Gt13 Water repellent additive.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME:

Floro-guard.

PART No.:

GT13/AD.

SUPPLIER:

GLIPTONE LTD
ENTERPRISE HOUSE
250 HALIFAX ROAD
TODMORDEN OL14 5SQ

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+44(0)1706 819365

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2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME:

EINECS

CAS No.:

CONTENT

SYMBOL

RISK:

QUATERNARY AMMONIUM COMPOUNDS,

61789-77-3

0-1 %

Xn,N

22, 50/53

DICO-

COALKYLDIMETHYL, CHLORIDES

FATTY ALCOHOL ETHOXYLATE (Xn, N)

0-1 %

Xn,N

22, 50/53

The full text for all R-phrases are shown in section 16

COMPOSITION COMMENTS:

This preparation contains non hazardous ingredients

3. HAZARDS IDENTIFICATION:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES:

INHALATION:

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION:

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!
Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

SKIN:

Remove affected person from source of contamination. Get medical attention if irritation persists after washing.

EYES: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:

This material is not flammable. Use extinguishing media appropriate for surrounding fire.
DO NOT use water jet

HAZARDOUS COMBUSTION PRODUCTS:

Fire creates: Nitrous gases (NOx). Carbon monoxide (CO). Hydrogen chloride (HCl). Hydrogen fluoride (HF). Carbon dioxide (CO₂).

PROTECTIVE MEASURES IN FIRE:

Wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS:

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS:

Avoid spilling, skin and eye contact. Suction ventilation required during spraying.

STORAGE PRECAUTIONS:

Keep in cool, dry, ventilated storage and closed containers. Keep in original container. Avoid direct sunlight and freezing. Avoid cooling to under 0 °c Protect from frost. Avoid contact with: Oxidising agents.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

PROTECTIVE EQUIPMENT:



VENTILATION: Must not be handled in confined space without sufficient ventilation. Provide adequate general and local exhaust ventilation.

RESPIRATORS: Respiratory protection required during spraying. If ventilation is insufficient, suitable respiratory protection must be provided. Dust filter P2 (for fine dust).

PROTECTIVE GLOVES:

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION:

If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION:

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENIC WORK PRACTICES:

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Liquid.
COLOUR:	White.
SOLUBILITY DESCRIPTION:	Completely miscible.
BOILING POINT (°C, interval):	ca.100 PRESSURE: 1013 mBar
DENSITY/SPECIFIC GRAVITY (g/ml):	ca.1.1 TEMPERATURE (°C): 20
VAPOUR PRESSURE:	<1000 mbar TEMPERATURE (°C): 50
pH-VALUE, CONC. SOLUTION:	2 - 5
VISCOSITY:	<12 - s DIN cup 4mm TEMPERATURE (°C): 20
FLASH POINT (°C):	>65 METHOD:

10. STABILITY AND REACTIVITY:

STABILITY: Normally stable.

CONDITIONS TO AVOID:

Avoid excessive heat for prolonged periods of time. Protect from frost.

MATERIALS TO AVOID:

Avoid: Strong oxidizing agents.

HAZARDOUS DECOMP. PRODUCTS:

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION:

TOXIC DOSE - LD 50: >2000 mg/kg (oral rat)

INHALATION: When sprayed in inadequately ventilated areas, aerosol mist may seriously irritate the respiratory tract.

SKIN: May cause slight irritation.

EYES: May cause slight irritation

HEALTH WARNINGS:

No specific health warnings noted.

12. ECOLOGICAL INFORMATION:**ECOTOXICOLOGICAL DATA:**

Biological elimination	OECD-test	> 70 %
Biodegradability.	Chemical oxygen demand,	490 mg O ₂ /g
	COD.	
Biodegradability.	Biological oxygen demand,	70 mg O ₂ /g
	BOD-5.	

LC 50, 96 HRS, FISH mg/l: > 10

ECOLOGICAL INFORMATION:

Not regarded as dangerous for the environment.

WATER HAZARD CLASSIFICATION:

Water Hazard Classification: 2

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:

Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION:

ROAD TRANSPORT:**ROAD TRANSPORT NOTES:** Not Classified**RAIL TRANSPORT:****RAIL TRANSPORT NOTES:** Not Classified.**SEA TRANSPORT:****SEA TRANSPORT NOTES:** Not Classified.**AIR TRANSPORT:****AIR TRANSPORT NOTES:** Not Classified.

15. REGULATORY INFORMATION:

RISK PHRASES:

R-52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES:S-42 During fumigation/spraying wear suitable respiratory equipment.
S-60 This material and its container must be disposed of as hazardous waste.
S-61 Avoid release to the environment. Refer to special instructions/ Safety Data Sheets.**STATUTORY INSTRUMENTS:**

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE:

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES:

Occupational Exposure Limits EH40. CHIP for everyone HSG(108).

16. OTHER INFORMATION:

REVISION DATE:

09.12.2002

SDS No.:

002

R-PHRASES (Full Text)R-22 Harmful if swallowed.
R-50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.