

# Material Safety Data Sheet

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## 1. Identification of the substance/preparation and the company.

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### *Product*

Trade Name: Agriguard Propyzamide Flo

Code: MS020

Revision Number: 01

### *Company*

Manufacturer / Supplier: Agriguard Ltd

Address: 23 Sonesta  
Malahide  
Co. Dublin  
Ireland

Telephone Number: +353-1-8451599

Fax Number: +353-1-8451620

e-mail: info@Agriguard.ie

Emergency Telephone No.: +353-1-8451599

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## 2. Composition/Information on Ingredients

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Component	CAS No.	Conc. g/L	R Phrases
Propyzamide	23950-58-5	400	
Ethylene glycol	107-21-1		Xn R: 22

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## 3. Hazards Identification

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Harmful.

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## 4. First Aid Measures

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<b>Skin Contact:</b>	Remove contaminated clothing. Wash the affected area immediately with soap and water.
<b>Eye Contact:</b>	Rinse out with plenty of water with the eyelid held wide open and seek medical attention.
<b>Inhalation:</b>	Immediately seek medical attention.
<b>Ingestion:</b>	Immediately seek medical attention.
<b>Further Information:</b>	Guide to doctor: treat symptomatically, there is no specific antidote For further advice on treatment contact the nearest Poisons Information Centre.

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## 5. Fire-fighting Measures

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<b>Suitable extinguishing media:</b>	Water spray, foam or dry powder .
<b>Special protective equipment for fire-fighting:</b>	Wear self contained breathing apparatus.
<b>Other Information:</b>	Contain fire-fighting water with sand or some such bunding material.

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## 6. Accidental Release Measures

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### **Personal precautionary measures:**

Wear the personal protective equipment outlined in section 8. below.

### **Environmental-protection measures:**

Keep the area isolated and do not allow contamination to enter drains or waterways. Spillages or uncontrolled discharges into watercourses must be alerted to the National Rivers Authority. If the product has entered a watercourse or sewer, or grossly contaminated soil or vegetation in a public place, advise police.

### **Procedures for cleaning/absorption:**

Contain/absorb the spillage with a suitable inert absorbent material or sand which should then be transfer to secure containers and sent for disposal..

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## 7. Handling and Storage

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**Handling:** Do not handle near food, feed or drinking water.

**Storage:** Store in a dry area in the original containers, access should only be for authorised persons. Store away from animal foodstuffs, seeds and fertilisers. Protect from frost, sun and humidity

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## 8. Exposure Controls/Personal Protection

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### Personal protective equipment:

Eye protection: Wear a face shield which complies to BS 2092/EN 166.

Hand protection: Wear nitrile gauntlet type gloves.

### Industrial Hygiene:

Do not breathe spray mist. Immediately change contaminated clothing, dispose of if decontamination is not feasible. Keep the work area clean and wash hands before finishing work.

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## 9. Physical and Chemical Properties

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<b>Form:</b>	Liquid suspension
<b>Colour:</b>	Light tan/brown
<b>Odour:</b>	Mild characterisitic
<b>Solubility in Water:</b>	dispersible
<b>Flammability:</b>	non-flammable.
<b>Explosion Limits:</b>	n/a

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## 10. Stability and Reactivity

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**Substances to be avoided:** There are no known materials that are incompatible

**Further information:** On evaporation to dryness the substance becomes a combustible solid which on decomposition emits toxic fumes containing nitrogen and chlorine.

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## 11. Toxicological Information

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### Acute toxicity:

LD<sub>50</sub>(oral, rat): >5000mg/kg (formulation by calculation)

LD<sub>50</sub>(skin, rat): >5000mg/kg (formulation by calculation)

### Further toxicological information:

After inhalation:	harmful
After skin contact:	harmful
After eye contact:	harmful.
After swallowing:	harmful.

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## 12. Ecological Information

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### Other toxicity:

Daphnia magna: 48 hour LC 50 >5.6mg/l

Rainbow trout: 96 hour LC 50 4.7mg/l

Malard duck: LC50>10000 mg/l

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## 13. Disposal Considerations

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Dispose of product concentrate, diluted product and empty containers according to the 'Code of Practice for the Safe Use of Pesticides on Farms and Holdings' available from HMSO. Do not re-use container for any purpose.

Contact the Local Council Authority for advice on the disposal of pesticide waste, or ask an approved waste disposal contractor.

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## 14. Transport Information

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<b>UN Number:</b>	<b>-none</b>
<b>UN proper shipping name:</b>	<b>-Not regulated</b>
<b>UN class:</b>	<b>-Not regulated</b>
<b>UN packaging group:</b>	<b>-Not regulated</b>
<b>ADR/RID description:</b>	<b>-Not regulated</b>
<b>IMDG proper shipping name:</b>	<b>-Not regulated</b>
<b>IATA proper shipping name:</b>	<b>-Not regulated</b>
<b>Note:</b>	This product is not a dangerous cargo.

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## 15. Regulatory Information

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<b>Hazard classification:</b>	Harmful
<b>R phrases:</b>	harmful
<b>S phrases:</b>	36, wear suitable protective equipment 20/21, when using do not eat drink or smoke 13, keep away from food, drink and animal feeding stuffs. 2, keep out of the reach of children 45, if you feel unwell seek medical advice ,showing the label where possible.
<b>Designated name:</b>	Agriguard Propyzamide Flo (contains chlormequat 400g/L)

This product is covered by the Control of Pesticides Regulations, 1986, and is labelled accordingly

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## 16. Other Information

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**Date of First Issue:** 20<sup>th</sup> September 2000

**Revision Date:** 20<sup>th</sup> September 2000

**Disclaimer:** The information contained in this MSDS is designed to give general health and safety guidance on the storage and transport of the substance/preparation to which it relates. Requirements arising from a Risk Assessment of the substance/preparation in a particular working environment should take precedence over any of the guidance contained in this MSDS where there is a difference in the information given. The information contained in this MSDS is accurate at the date of publication and will be updated as and when appropriate. Liability will not be accepted for any injury, loss or damage resulting from any failure to take account of information or advice contained in this MSDS.

Compiled in accordance with EC Directive 91/155/EEC.