

MATERIAL SAFETY DATA SHEET

MSDS

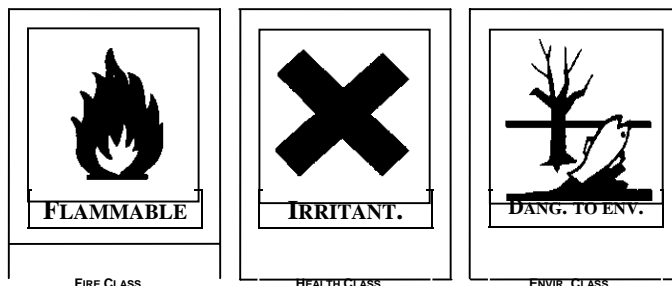
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AGRIGUARD ALPHA-CYPER

APPROVED FOR USE:

AUTHORISED BY:



1. PRODUCT AND COMPANY

TRADE NAME	: Agriguard Alpha-Cyper		
CHEM. NAME	: AlphaCypermethrin		
SYNONYMS	:		
GROUP NO	: Pyethroid.	MAPP NO	09951
		:	
FORMULA	: C ₂₂ H ₁₉ CL ₂ NO ₃	ID NO	:
APPLICATION:	: Agricultural/Horticultural insecticide	PCS NO	:

SUPPLIER	:Agriguard Ltd		
ADDRESS	:75 Shandon Park		
POST ADDRESS	:Phibsboro, Dublin 9, Ireland.		
PHONE	:+353-1-7048399	EM PHONE	: .
TELEFAX	:+353-1-7048323		
ISSUED BY:	:Barclay Chemicals Ltd.	RESPONSIBLE:	

2. COMPOSITION OF THE PRODUCT.

No:	Name:	CAS-No:	Conc: (W%)	Classif:
1.	ALPHACYPERMETHRIN	-	100g/l	Xi;
2.	HYDROCARBON SOLVENTS	-	-	-
3.	WATER	-	-	-

Legend: Tx= Very Toxic, C=Corrosive, Xn =Harmful, Xi=Irritant, IK=No Classification Required, E=Explosive, O=Oxidising, Fx=Extremely Flammable,F=Very Flammable, Fo=Flammable, N=Dang. To the environment, M=Genotoxic, A=Sensitizing, K=Cancerogen, R=Causes birth defects, H= (skin absorption)

3. HAZARD IDENTIFICATION:

HAZARD CLASSIFICATION:

Irritating to eyes, skin.
Flammable.

TOXIC CLASSIFICATION.

Not considered a hazard to health only when used and handled as directed, other than indicated by the HAZARD CLASSIFICATION.

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ACCIDENT HAZARD:

Product is flammable with a flashpoint in the range 21-55 °C. Volatile vapour may be produced. vapour is heavier than air and spreads along the ground. explosive mixture with air may be formed especially in confined areas. heating will cause pressure rise with a risk of bursting and explosion. Vapour may be irritating to the eyes and respiratory system. Leakage might pollute water systems; extremely dangerous to fish.

4. First Aid.

GENERAL:

Always seek medical advice in cases of serious personal contamination. Take off contaminated clothing and shoes immediately. Remove to fresh air.

INHALATION:

Move to fresh air. In the case of inhalation of aerosol/mist consult a physician if necessary

SKIN CONTACT:

Wash with plenty of water, seek medical help if irritation persists.

EYE CONTACT:

Flush eyes for 15 minutes. Seek medical help if irritation persists.

INGESTION:

Rinse mouth. Give **300ml (1/2 a pint)** of warm water to drink. Do not induce vomiting. Activated charcoal may be of value after ingestion of large quantities. Call a physician immediately. Show product label if possible or this data sheet.

MEDICAL INFORMATION:

No specific anti-dote known. Treat systematically.

For specialist advice doctors should contact **POSION INFORMATION CENTRE:** Beaumont Hospital, Beaumont, Dublin 9. **Tel: 01-8379964**

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA:

Use either foam, water spray or a dry chemical.

FIRE FIGHTING:

Keep containers cool by spraying with plenty of water. Do not use a waterjet. Extinguish source of fire, preferably with a dry inert powder, foam or waterspray. Wear breathing apparatus.

FIRE AND EXPLOSION HAZARDS:

Fire may cause toxic fumes to evolve.

6. ACCIDENTAL RELEASE MEASURES:

1. Contain spillage as the situation allows, particularly to prevent contamination of water.
 2. Advise police of any potentially spillages escapes.
 3. Do not flush with water. Absorb with pumice, vermiculite, sand or earth.
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4. Collect contaminated material and surrounding soil and place in covered, labelled containers for disposal.

7. HANDLING AND STORAGE

HANDLING:

Full personal protection and goggles giving complete protection of the eyes and respirator may be required.

HANDLING ADVICE:

When using do not eat, drink or smoke. Wear nitrile-rubber gloves and face protection (faceshield) when handling the concentrate. When using do not eat, drink or smoke. Avoid all contact with mouth. Do not breath spray.

STORAGE:

Store in original container, tightly closed and in a safe place.
Keep out of reach of children.
Keep away from food, drink and animal feedstuffs.
Keep at temperatures above 5 °C.

8. EXPOSURE AND PERSONAL PROTECTION

EXPOSURE CONTROL:

MAXIMUM EXPOSURE LIMITS.

None assigned.

OPERATOR EXPOSURE LIMITS:

None assigned.

RESP. PROTECTION:

Standard face-shield should be used when dealing with the concentrate or spray.

EYE PROTECTION:

Face-shield should be used when dealing with the concentrate or spray.

HAND PROTECTION:

Nitrile rubber gloves should be used when dealing with the concentrate or spray.

SKIN PROTECTION:

Complete suit protecting against chemicals or overalls should be used when dealing with the concentrate or spray.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Clear liquid concentrate.		
Colour:	Colourless		
Odour:	Solvent type smell.		
Solubility:			
Melting point:	N/A	Boiling point:	N/A

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Density:	N/A	Explosive properties.	N/A
Flashpoint:	N/A	Ph Solution:	N/A
Ph Concentrate:	N/A	Viscosity:	N/A

10. STABILITY AND REACTIVITY

STABILITY:

Product is flammable and flashpoint in the range 21°C to 55°C. Volatile vapour may be produced. Vapours are invisible and are heavier than air and spread along the ground. Explosives mixtures with air may be formed especially in confined spaces.

MATERIALS TO AVOID:

None Classified.

HAZARDOUS DECOMPOSITION PRODUCTS:

Vapour may be irritant to eyes, skin and respiratory system. heating will cause pressure rise with risk of bursting and explosion.

11. TOXICOLOGICAL INFORMATION:

	Type of Test:	Value:
Acute oral Toxicity:	N/A	N/A
Acute derm. Toxicity:	N/A	N/A
Inha. Toxicity:	N/A	N/A

12. ECOLOGICAL INFORMATION:

1. Do not contaminate ponds, waterways and ditches with chemical and or concentrate.
2. Leakage will pollute water systems.

13. DISPOSAL:

PRODUCT & WASTE:

Dispose of product/contaminated waste via an approved disposal contractor.

CONTAINERS:

Crush or bury containers, or dispose of via an authorised disposal contractor.

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14. TRANSPORT INFORMATION:

CLASSIFICATION FOR TRANSPORT:

PACK SIZE:	1lt ×12
MODE OF TRANSPORT:	Road
DANGEROUS GOODS NOTE REQUIRED.	No
LABELS:	No
MARKINGS	No
TREMCARD REQUIRED.	No

PACK SIZE:	1lt ×12
MODE OF TRANSPORT:	Road/Sea
DANGEROUS GOODS NOTE REQUIRED.	Yes. DANGEROUS GOODS IN LIMITED QUANTITIES OF CLASS 3.3
LABELS:	No
MARKINGS	DANGEROUS GOODS IN LIMITED QUANTITIES OF CLASS 3.3 (No. 13).
TREMCARD REQUIRED.	No

15. REGULATORY INFORMATION

R- PHRASES:

- R10** - Flammable.
- R22** - Harmful if swallowed.
- R36/38** - Irritating to eyes and skin.

S- PHRASES:

- S 2** - Keep out of reach of children.
 - S 7** - Keep container tightly closed.
 - S23** - Do not breathe vapour.
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S28 - After contact with skin, wash immediately with plenty of water.

S37/39 - Wear suitable gloves and eye/face protection.

REFERENCES:

16. OTHER INFORMATION:

REVISION DATE: 2/3/00

REPLACES MSDS OF:

VENDOR NOTES:

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