

SAFETY DATA SHEET

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Alphamost Plus

Revision No. 0

Revision Date

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product name** Alphamost Plus**Company** Hockley International Ltd
Hockley House
354 Park Lane
Poynton
Stockport
SK12 1RL**Telephone** 01625 878590**Telefax** 01625 877285**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous components	Conc.	CAS	EINECS	Risks
1,2-Benzisothiazol-3(2H)-one	0 - 5%	2634-33-5	220-120-9	Xn;N;R22-38-41-43-50
Mono ethylene glycol	1 - 10%	107-21-1	203-473-3	Xn;R22
Alpha-cypermethrin	1 - 10%	67375-30-8		Xn;R21 T;R25 Xi;R36 Xi;R38 N;R50/53

3. HAZARDS IDENTIFICATION**Most important hazards** Harmful if swallowed. May cause sensitization by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**4. FIRST AID MEASURES****Skin contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.**Inhalation** Move to fresh air. Consult a physician.**Ingestion** Immediate medical attention is required. Do not induce vomiting without medical advice. Immediately give large quantities of water to drink.**General advice** First aider needs to protect himself. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Carbon dioxide (CO ₂). Dry powder. Foam. Water spray.
Extinguishing media which must not be used for safety reasons	High volume water jet.
Specific hazards	Burning produces compounds of carbon, nitrogen, and sulphur. . Do not release chemically contaminated water into drains, soil or surface water. Take care to retain water used for extinguishing and dispose of according to local regulations.
Special protective equipment for fire-fighters	In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation. Use personal protective equipment.
Environmental precautions	Avoid subsoil penetration. Do not allow material to contaminate ground water system. Do not contaminate surface water. Do not let product enter drains. Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Soak up with inert absorbent material and dispose of as hazardous waste.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Do not breathe vapours or spray mist. Do not eat, drink or smoke when using this product.
Storage	Keep locked-up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep at temperatures below 30°C. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s)			
Ethane-1,2-diol vapour	WEL 8-hr limit ppm: 20	WEL 8-hr limit mg/m ³ : 52	
	WEL 15 min limit ppm: 40	WEL 15 min limit mg/m ³ : 104	
Engineering measures	Ensure adequate ventilation, especially in confined areas.		
Respiratory protection	Suitable mask with particle filter P3 (European Norm 143).		
Hand protection	PVC or other plastic material gloves.		
Eye protection	Face-shield. Goggles.		
Skin and body protection	Complete suit protecting against chemicals. Rubber or plastic boots.		

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9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	White.
Odour	Slight.
pH	6.5 - 7.5
Boiling point/range	100°C
Flammability (solid, gas)	Not Flammable
Explosive properties	None
Oxidizing properties	None
Vapour pressure	10.0 kPa @ 25°C
Relative density	1.02 +/- 0.05 @ 20°C
Viscosity	100 cSt @ 20°C

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions. Stable under recommended storage conditions. Decomposition starting from 100°C.
Conditions to avoid	None.
Materials to avoid	Acids. Alkali metals. Strong oxidizing agents.
Hazardous decomposition products	None.

11. TOXICOLOGICAL INFORMATION

Toxicological information

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LD50/oral/mouse = 790 mg/kg

LD50/dermal/rat = > 10,000 mg/kg

LD50/dermal/rabbit = > 10,000 mg/kg

LC50/inhalation/ 4 h/rat = 3.2 mg/l

Primary irritation	Mild eye irritation. Mild skin irritation.
Sensitization	May cause sensitisation by skin contact.
Repeated or prolonged exposure	Prolonged exposure causes local irritation of skin and mucous membranes, especially to the eyes. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
mutagenic effects	None.
carcinogenic effects	None.
Reproductive toxicity	None.

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12. ECOLOGICAL INFORMATION

Ecotoxicity effects

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LC50/48h/daphnia = 1.0 - 3.0 ug/l

LC50/96h/rainbow trout = 0.03 mg/l

LC50/8 days/bobwhite quail = > 10,000 mg/kg

LC50/8 days/mallard duck = > 10,000 mg/kg

Mobility Mobile in most soils.

Persistence and degradability Readily biodegradable.

Further Information Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Toxic to bees.

13. DISPOSAL CONSIDERATIONS

Specific methods Can be incinerated, when in compliance with local regulations. Can be landfilled after chemical and physical treatment, when in compliance with local regulations.

Contaminated packaging Empty containers can be landfilled after cleaning, when in compliance with local regulations.

14. TRANSPORT INFORMATION

ADR/RID

UN-No 3082

Class 9

Packing group III

Hazard ID 90

Proper shipping name ENVIRONMENTALLY
HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (contains
Alphacypermethrin)

IMDG-Code

UN-No 3082

Class 9

EmS F-A S-F

Packing group III

Marine pollutant YES

IATA-DGR

UN-No 3082

Class 9

Packing instruction 914
(cargo aircraft)

Packing instruction 914
(passenger aircraft)

Packing group III

Sub-risks -

Maximum quantity NO LIMIT**Maximum quantity** NO LIMIT

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15. REGULATORY INFORMATION

Symbol(s)

Xn - Harmful; N - Dangerous for the environment


R-phrase(s)

R22 - Harmful if swallowed.

R43 - May cause sensitization by skin contact.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S23 - Do not breathe gas/fumes/vapour/spray.

S24 - Avoid contact with skin.

S29 - Do not empty into drains.

S37 - Wear suitable gloves.

S42 - During fumigation/spraying wear suitable respiratory equipment.

S51 - Use only in well-ventilated areas.

16. OTHER INFORMATION

Text of R phrases mentioned in Section 2

R21 - Harmful in contact with skin.

R22 - Harmful if swallowed.

R25 - Toxic if swallowed.

R36 - Irritating to eyes.

R38 - Irritating to skin.

R41 - Risk of serious damage to eyes.

R43 - May cause sensitization by skin contact.

R50 - Very toxic to aquatic organisms.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.