

OUTDOOR - Special methods of application




- - Guidance to personal protective equipment



Mixing of products



Application of products

Liquid products	Powdered products	Granules, tablets and water-soluble bags	Mixing of products without breaking the packaging	Hazard pictograms and hazard phrases		Spray guns with container on a vehicle Root collar spraying (low level) Personnel on foot	Spray guns with container on a vehicle Application below knee-high Personnel on foot	Spray guns with container on a vehicle Application above knee-high Personnel on foot	Backpack atomizing sprayer, Backpack power sprayer and high pressure sprayer (Pressure: More than 20 bars)	Backpack sprayer Application below knee-high	Backpack sprayer Application above knee-high
<ul style="list-style-type: none"> ▶ Full face-mask with filter type A2P3 ▶ Protective suit without hood ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Full face mask with filter type A2P3 ▶ Protective suit without hood ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P3 ▶ Apron ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Gloves and boots 	<p>In connection with at least one of following risk phrases:</p>  <p>H310 H350i H361d H311 H351 H361f H330 H360D H362 H331 H360DF H370 H340 H360F H371 H341 H360Fd H372 H350 H360FD H373</p>		<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P3 ▶ Gloves and boots ▶ If necessary, overall trousers 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P3 ▶ Face shield ▶ Overall trousers ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Full face mask with filter type A2P3 ▶ Protective suit with hood ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Breathing face mask ▶ Protective suit with hood ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P3 ▶ Protective suit without hood ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Full face mask with filter type A2P3 ▶ Protective suit with hood ▶ Gloves and boots
<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 1) ▶ Safety goggles ▶ Overall trousers or apron ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 ▶ Safety goggles ▶ Overall trousers or apron ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 ▶ Apron ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Gloves and boots 	<p>Possibly together with other hazard phrases than mentioned above or without hazard phrases</p>  		<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 3) ▶ Gloves and boots ▶ If necessary, overall trousers 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 5) ▶ Safety goggles ▶ Overall trousers ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 ▶ Safety goggles ▶ Protective suit with hood ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Full face mask with filter type A2P2 ▶ Protective suit with hood ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 3) ▶ Overall trousers ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 ▶ Safety goggles ▶ Protective suit with hood ▶ Gloves and boots
<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 1) ▶ Safety goggles ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type P2 ▶ Safety goggles ▶ Overall trousers ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Gloves and boots 	<p>Authorised products without category of danger</p>		<ul style="list-style-type: none"> ▶ Gloves and boots ▶ If necessary, overall trousers 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 5) ▶ Overall trousers ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 2) ▶ Protective suit with hood ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 2) ▶ Protective suit with hood ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Overall trousers ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 2) ▶ Protective suit with hood ▶ Gloves and boots

1. Face mask can be avoided, if the product is not marked with H332, H334 or H335 (phrases that refer to danger or irritation by inhalation)
 2. The combined filter A2P2 can be replaced by a filter of the type P2, if the product does not contain volatile substances or organic solvents

3. Face mask can be avoided, if:
 • The product is not marked with H332, H334 or H335 or
 • The product is marked with H332, H334 or H335, and is used when diluted more than a hundred times
 4. Not relevant for this guidance

5. Face mask can be avoided, if:
 • The product is not marked with H332, H334 or H335 or
 • The product is marked with H332, H334 or H335, but is used when diluted ten times
 6. Not relevant for this guidance

7. Face mask can be avoided, if:
 • The product is not marked with H332, H334 or H335 and the ready for use mixture contains maximum 5% volatile substances or organic solvents or
 • The product is marked with H332, H334 or H335, but is used when diluted more than a hundred times
 8. Not relevant for this guidance

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If the application requires more comprehensive personal protection equipment than the mixture, put them on from the start as it is inappropriate to change one's personal protective equipment between the mixing and application.



Application of products

Hazard pictograms and hazard phrases

In connection with at least one of following risk phrases:



H310 H350i H361d
H311 H351 H361f
H330 H360D H362
H331 H360DF H370
H340 H360F H371
H341 H360Fd H372
H350 H360FD H373



Possibly together with other hazard phrases than mentioned above or without hazard phrases



Authorised products without category of danger

	Hand-held sprayers	Aerosol cans	Concentrate spraying Backpack- or hand-held sprayers, e.g. CDA sprayers, Micron-Herbi-type	Brushwood cutter with sprayer device Carries the liquid on to the blade	Brushwood cutter with sprayer device Carries the liquid down on the stump	Powder blasting Backpack- or hand-held blasters	Dispersion of granules Backpack- or hand-held spreaders	Application and dipping Handle less than a meter Backpack- or hand-held wiping	Application Handle more than 1 meter	Watering can
In connection with at least one of following risk phrases:	<ul style="list-style-type: none"> ▶ Full face mask with filter type A2P3 ▶ Overall trousers or apron ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P3 ▶ Overall trousers or apron ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P3 ▶ Face shield ▶ Overall trousers ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P3 ▶ Face shield ▶ Overall trousers ▶ Boots 	<ul style="list-style-type: none"> ▶ Boots 	<ul style="list-style-type: none"> ▶ Full face mask with filter type A2P3 ▶ Protective suit with hood ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Full face mask with filter type A2P2 ▶ Overall trousers or apron ▶ Long gloves and jackboots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 ▶ Face shield ▶ Overall trousers or apron ▶ Long gloves and jackboots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 ▶ Overall trousers ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 ▶ Face shield ▶ Overall trousers ▶ Gloves and boots
Possibly together with other hazard phrases than mentioned above or without hazard phrases	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 3) ▶ Overall trousers or apron ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 7) ▶ Overall trousers ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 7) ▶ Safety goggles ▶ Overall trousers ▶ Boots 	<ul style="list-style-type: none"> ▶ Boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 ▶ Safety goggles ▶ Protective suit with hood ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 1) ▶ Overall trousers or apron ▶ Long gloves and jackboots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 3) ▶ Overall trousers or apron ▶ Long gloves and jackboots 	<ul style="list-style-type: none"> ▶ Overall trousers ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Overall trousers ▶ Gloves and boots
Authorised products without category of danger	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 3) ▶ Overall trousers ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 7) ▶ Overall trousers ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 7) ▶ Overall trousers ▶ Boots 	<ul style="list-style-type: none"> ▶ Boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type P2 ▶ Protective suit with hood ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Overall trousers ▶ Long gloves and jackboots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 3) ▶ Overall trousers or apron ▶ Long gloves and jackboots 	<ul style="list-style-type: none"> ▶ Overall trousers ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Overall trousers ▶ Gloves and boots

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3. Face mask can be avoided, if:
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• The product is marked with H332, H334 or H335, but is used when diluted more than a hundred times
4. Not relevant for this guidance

5. Face mask can be avoided, if:
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