

INDOOR - Greenhouses and similar

- 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		Spraying boom Application on floor and tables (Sprayer operator outside the operator cabin) Pressure below 20 bars	Spraying boom Application on floor and tables (Sprayer operator inside the operator cabin) Pressure below 20 bars	Spray guns with container on a vehicle Application below knee-high Pressure below 20 bars	Spray guns with container on a vehicle Application above knee-high Pressure below 20 bars	Spray guns with container on a vehicle Pressure 20 bars or above	Atomizing generator and backpack atomizing sprayer E.g. thermal and ULV-fogger																					
<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> <table border="0"> <tr> <td>H310</td> <td>H350i</td> <td>H361d</td> </tr> <tr> <td>H311</td> <td>H351</td> <td>H361f</td> </tr> <tr> <td>H330</td> <td>H360D</td> <td>H362</td> </tr> <tr> <td>H331</td> <td>H360DF</td> <td>H370</td> </tr> <tr> <td>H340</td> <td>H360F</td> <td>H371</td> </tr> <tr> <td>H341</td> <td>H360Fd</td> <td>H372</td> </tr> <tr> <td>H350</td> <td>H360FD</td> <td>H373</td> </tr> </table>		H310	H350i	H361d	H311	H351	H361f	H330	H360D	H362	H331	H360DF	H370	H340	H360F	H371	H341	H360Fd	H372	H350	H360FD	H373	<ul style="list-style-type: none"> ▶ Full face mask with filter type A2P3 ▶ Protective suit with hood ▶ Gloves and boots <p>(See note 8)</p>	<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 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"> ▶ Air supplied face mask ▶ If necessary, ear protection ▶ Protective suit with hood ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Air supplied face mask ▶ Ear protection ▶ Protective suit with hood ▶ Gloves and boots
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H311	H351	H361f																														
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<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 ▶ Safety goggles ▶ Protective suit with hood ▶ Gloves and boots <p>(See note 8)</p>	<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 ▶ 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 ▶ If necessary, ear protection ▶ Protective suit with hood ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Air supplied face mask ▶ Ear protection ▶ Protective suit with hood ▶ Gloves and boots 																					
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1. Face masks can be avoided, if the product is not marked with either H332, H334 or H335 (phrases that refer to danger or irritation by inhalation)
 2. Not relevant for this guidance
 3. Not relevant for this guidance

4. Not relevant for this guidance
 5. Face masks 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. The work must normally be carried out in a work place with local exhaustion. If this is not possible, the mentioned personal protective equipment must be used
 7. Not relevant for this guidance

8. Personal protective equipment are only necessary, if you must enter the greenhouse in connection with the application and until the guidance of re-entry can be used

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- Guidance to personal protective equipment



Application of products

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.

Hazard pictograms and hazard phrases

In connection with at least one of following risk phrases:



H310
H311
H330
H331
H340
H341
H350

H350i
H351
H360D
H360DF
H360F
H360Fd
H360FD

H361d
H361f
H362
H370
H371
H372
H373



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



Authorised products without category of danger

	Backpack sprayer Application below knee-high	Backpack sprayer Application above knee-high	Hand-held sprayers and aerosol cans (See note 6)	Concentrate spraying Backpack- or hand-held sprayers, e.g. CDA sprayers, Micron-Herbi-type	Powder blasting Backpack- or hand-held blasters	Dispersion of granules	Application and dipping (See note 6)	Watering can	Admixture in soil under mixture	Handling of soil with mixed pesticide/insecticides
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	<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 ▶ Safety goggles ▶ Protective suit with hood ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See note 5) ▶ Overall trousers or apron ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 ▶ 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"> ▶ Half face mask with filter type A2P2 (See note 1) ▶ Face shield ▶ Overall trousers ▶ Long gloves and jackboots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 ▶ Overall trousers or apron ▶ Long gloves and jackboots 	<ul style="list-style-type: none"> ▶ Overall trousers or apron ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Half face mask with filter type A2P2 (See notes 1 and 6) ▶ Safety goggles ▶ Overall trousers or apron ▶ Gloves and boots 	<ul style="list-style-type: none"> ▶ Overall trousers or apron ▶ Face shield ▶ Gloves and boots
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