# OUTDOOR - Special methods of application - Guidance to personal protective equipment



### Mixing of products

**Liquid products** Powdered products

Granules, tablets and Mixing of products water-soluble bags without breaking the packaging

If the application requires more comprehensive personnal 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 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-hiah Personnel on foot Spray guns with con-Backpack atomizing tainer on a vehicle Application above

knee-hiah Personnel on foot

**Application of products** 

sprayer, Backpack power sprayer and high pressure sprayer

▶ Breathing face mask

► Protective suit with

► Gloves and boots

hood

(Pressure: More than 20 bars)

Backpack sprayer Application **below** knee-high

Backpack sprayer Application **above** knee-high

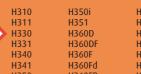
- ► Full face-mask with filter type A2P3
- Protective suit without hood
- Gloves and boots
- ► Full face mask with filter type A2P3
- ► Protective suit
- without hood ► Gloves and boots
- ► Half face mask with filter type A2P3
- ► Apron
- ► Gloves and boots

► Gloves and boots



H351 H361f H362 H370 H360D H360DF







- In connection with at least one of following risk phrases:
  - H372
- ► Half face mask with filter type A2P3
- ► Gloves and boots
- ► If necessary, overall trousers
- ► Half face mask with filter type A2P3
- ► Face shield
- ► Overall trousers
- ► Gloves and boots
- ► Full face mask with filter type A2P3
- ► Protective suit with hood
- ► Gloves and boots

- ► Half face mask with filter type A2P3

- ► Protective suit without hood
- ► Gloves and boots
- ► Full face mask with filter type A2P3 ► Protective suit with
- hood ► Gloves and boots

- ► Half face mask with filter type A2P2
- (See note 1) ► Safety goggles
- ▶ Overall trousers or apron
- ► Gloves and boots
- ► Half face mask with filter type A2P2
- ► Safety goggles
- ▶ Overall trousers or apron
- ► Gloves and boots
- ► Half face mask with filter type A2P2
  - ► Apron
  - ► Gloves and boots
- ► Gloves and boots

phrases than mentioned above or



Possibly together with other hazard thout hazard phrases



- ► Half face mask with filter type A2P2 (See note 3)
  - ► Gloves and boots
  - ► If necessary, overall trousers
- ► Half face mask with filter type A2P2 (See note 5)
- ► Safety goggles
  - ► Overall trousers ► Gloves and boots
- ► Half face mask with filter type A2P2
- ► Safety goggles
- ► Protective suit with hood
- ► Gloves and boots
- ► Full face mask with filter type A2P2
- ► Protective suit with hood
- ► Gloves and boots
- ► Half face mask with filter type A2P2
  - (See note 3)
    - ► Overall trousers
    - ► Gloves and boots
- ► Safety goggles ► Protective suit with hood
- ► Gloves and boots

► Half face mask with

filter type A2P2

- ► Half face mask with filter type A2P2 (See note 1)
- ► Safety goggles
- ► Gloves and boots
- ► Half face mask with filter type P2 ► Safety goggles

  - ► Overall trousers ► Gloves and boots
- ► Gloves and boots
- ► Gloves and boots
- Authorised products without category of danger
- ► Gloves and boots ► If necessary, overall

trousers

- ► Half face mask with filter type A2P2
- ▶ Overall trousers
- (See note 5)
- ► Gloves and boots
- ► Half face mask with filter type A2P2 (See note 2)
- ► Protective suit with hood
- ► Gloves and boots
- ► Half face mask with filter type A2P2 (See note 2)
- ► Protective suit with hood
- ► Gloves and boots
- ► Overall trousers
  - ► Half face mask with filter type A2P2 ► Gloves and boots (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 kan 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
- 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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# **OUTDOOR** - Special methods of application

- Guidance to personal protective equipment



If the application requires more comprehensive personnal 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.



Hand-held sprayers

#### **Application of products**

# Hazard pictograms and hazard phrases

In connection with at least one of following risk phrases:

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8	~~	

10	H350i	H361d
11	H351	H361f
30	H360D	H362
31	H360DF	H370
40	H360F	H371
41	H360Fd	H372
50	H360FD	H373

- filter type A2P3 ► Overall trousers or
- ► Gloves and boots

Aerosol cans

Concentrate spraying Backpack- or handheld sprayers, e.g. CDA sprayers, Micron-Herbi**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 handheld blasters

Dispersion of granules Backpack- or handheld spreaders

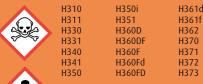
► Full face mask with

filter type A2P2

dipping Handle less than a meter Backpack- or handheld wiping

**Application and** 

**Application** Handle **more** than 1 Watering can



► Full face mask with

- ► Half face mask with filter type A2P3
- ► Overall trousers or apron
- ► Gloves and boots

► Half face mask with filter type A2P3

- ► Face shield Overall trousers
- ► Gloves and boots
- ► Half face mask with filter type A2P3
- ► Face shield
- ▶ Overall trousers **▶** Boots

- filter type A2P3 ► Protective suit with
- ► Gloves and boots
- ► Full face mask with
- apron ► Long gloves and iackboots
- ► Half face mask with filter type A2P2
- ► Overall trousers or ► Face shield ► Overall trousers or
  - ► Long gloves and jackboots
- ► Half face mask with filter type A2P2
- ► Overall trousers
- ► Gloves and boots
- ► Half face mask with filter type A2P2
- ► Face shield
  - ► Overall trousers
  - ► Gloves and boots

► Overall trousers



than mentioned above or without hazard



Possibly together with other hazard phrases



- filter type A2P2 (See note 3)

- ► Half face mask with
- ► Overall trousers or

- ► Gloves and boots
- ► Gloves and boots

- - filter type A2P2
    - Overall trousers ► Gloves and boots

► Half face mask with

- (See note 7)
  - ► Safety goggles
  - ► Overall trousers
  - **▶** Boots
- (See note 7)

► Half face mask with

filter type A2P2

- **▶** Boots ► Half face mask with filter type A2P2
  - ► Safety goggles ► Protective suit with
  - hood ► Gloves and boots
- filter type A2P2 (See note 1) ► Overall trousers or

► Half face mask with

- ► Long gloves and jackboots
- ► Half face mask with filter type A2P2 (See note 3)
- ► Overall trousers or
- jackboots
- ► Overall trousers
- ► Long gloves and
- ► Gloves and boots
- ► Gloves and boots

Authorised products without category of danger

- filter type A2P2 (See note 3)
- ▶ Overall trousers ► Gloves and boots
- - Overall trousers
- ► Half face mask with filter type A2P2 (See note 7)

► Gloves and boots

- ► Half face mask with filter type A2P2 (See note 7) Overall trousers
- ► Boots
  - ► Half face mask with filter type P2 ► Protective suit with
    - hood ► Gloves and boots
- ► Overall trousers
- ► Long gloves and jackboots
- (See note 3) ► Overall trousers or

► Half face mask with

filter type A2P2

- apron ► Long gloves and jackboots
- ► Overall trousers ► Gloves and boots
- ► Overall trousers ► Gloves and boots

- 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. The combined filter A2P2 kan 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, but 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

**▶** Boots

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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