



# PMV-01

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 19/10/2011

Revision date: 14/07/2015

Supersedes: 02/03/2015

Version: 7.1

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : PMV-01  
Other means of identification : Registration number: Pending

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : Virus inoculation

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

De Ceuster N.V.  
Fortsesteenweg 30  
2860 SINT-KATELIJNE-WAVER - BELGIUM  
T +32 (0) 15 31 22 57 - F +32 (0) 15 31 36  
[dcg@dcg.be](mailto:dcg@dcg.be) - [www.deceuster.com](http://www.deceuster.com)

#### 1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number
BELGIË/BELGIQUE	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn B - 1120 Brussels	+32 70 245 245

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Precautionary statements (CLP) : P102 - Keep out of reach of children  
P270 - Do not eat, drink or smoke when using this product  
P260 - Do not breathe spray  
P280 - Wear protective gloves  
P284 - Wear respiratory protection  
Extra phrases : Micro-organisms may have the potential to provoke sensitising reactions.  
Do not contaminate water with the product or its container.

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Tomato watery leaf extract cont. Pepino Mosaic Virus, CH2 strain, isolate 1906	(CAS No) - (EC no) - (EC index no) -	100	Not classified

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Tomato watery leaf extract cont. Pepino Mosaic Virus, CH2 strain, isolate 1906	(CAS No) - (EC no) - (EC index no) -	100	Not classified

Full text of R- and H-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Fresh air, rest. In case of symptoms, seek medical advice and show label or packaging.
- First-aid measures after skin contact : Rinse skin with plenty of water or take a shower for about 15 minutes. Remove contaminated clothing and shoes. In case of symptoms, seek medical advice and show label or packaging.
- First-aid measures after eye contact : Rinse with plenty of water for 10 minutes. Rinse AWAY from the eye that has not been contaminated. If contact lenses are easy to remove, remove them first then clean. Seek medical advice and show container or label.
- First-aid measures after ingestion : Rinse mouth. Call the emergency help centre and ask if ingestion of active coal is advised. Seek medical advice immediately and show container or label.

#### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Water fog. Foam. Carbon dioxide. Dry powder.
- Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Non flammable.

#### 5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Do not breathe spray. Avoid contact with skin.

##### 6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable protective clothing and gloves. Concerning personal protective equipment to use, see item 8.
- Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection. Concerning personal protective equipment to use, see item 8.
- Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

#### 6.3. Methods and material for containment and cleaning up

- For containment : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.
- Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Dispose in a safe manner in accordance with local/national regulations.

#### 6.4. Reference to other sections

Concerning personal protective equipment to use, see item 8. Concerning disposal elimination after cleaning, see item 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with skin. Do not breathe aerosol.

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Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs. Keep only in the original container. Keep container tightly closed.

Storage temperature : + 4 °C

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

Hand protection : In case of repeated or prolonged contact wear gloves

Eye protection : No special eye protection equipment recommended under normal conditions of use

Skin and body protection : Normal overalls

Respiratory protection : Wear respiratory protection

Other information : Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Colour : Dark green - brown.  
Odour : No data available  
Odour threshold : No data available  
pH : 5,4 – 6,6  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : No data available  
Freezing point : No data available  
Boiling point : No data available  
Flash point : No data available  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Flammability (solid, gas) : Non flammable  
Vapour pressure : No data available  
Relative vapour density at 20 °C : No data available  
Relative density : No data available  
Density : 1,001 - 1,005  
Solubility : No data available  
Log Pow : No data available  
Viscosity, kinematic : No data available  
Viscosity, dynamic : 3 - 6 cP  
Explosive properties : No data available  
Oxidising properties : No data available  
Explosive limits : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

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### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Incomplete combustion may form carbon monoxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified Based on available data, the classification criteria are not met pH: 5,4 – 6,6
Serious eye damage/irritation	: Not classified Based on available data, the classification criteria are not met pH: 5,4 – 6,6
Respiratory or skin sensitisation	: Not classified May cause allergy or asthma symptoms or breathing difficulties if inhaled May cause an allergic skin reaction
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : No specific risk for the environment.

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EC50 other aquatic organisms 1	> 1000 mg/l (Lemna minor, 7 days)
ErC50 (algae)	> 1000 mg/l (Pseudokirchneriella subcapitata, 3 days)

### 12.2. Persistence and degradability

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Persistence and degradability	Biodegradable.

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information : Avoid release to the environment

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

Not regulated for transport

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable  
Proper Shipping Name (ADN) : Not applicable  
Proper Shipping Name (RID) : Not applicable

#### 14.3. Transport hazard class(es)

##### ADR

Transport hazard class(es) (ADR) : Not applicable

##### IMDG

Transport hazard class(es) (IMDG) : Not applicable

##### IATA

Transport hazard class(es) (IATA) : Not applicable

##### ADN

Transport hazard class(es) (ADN) : Not applicable

##### RID

Transport hazard class(es) (RID) : Not applicable

#### 14.4. Packing group

Packing group (ADR) : Not applicable  
Packing group (IMDG) : Not applicable  
Packing group (IATA) : Not applicable  
Packing group (ADN) : Not applicable  
Packing group (RID) : Not applicable

#### 14.5. Environmental hazards

Dangerous for the environment : No  
Marine pollutant : No  
Other information : No supplementary information available

#### 14.6. Special precautions for user

##### 14.6.1. Overland transport

##### 14.6.2. Transport by sea

##### 14.6.3. Air transport

##### 14.6.4. Inland waterway transport

Carriage prohibited (ADN) : No  
Not subject to ADN : No

##### 14.6.5. Rail transport

Carriage prohibited (RID) : No

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions  
PMV-01 is not on the REACH Candidate List  
Contains no substance on the REACH candidate list  
Contains no REACH Annex XIV substances

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Indication of changes:

Revision - See : \*.

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

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