Trade name: Blossom Protect™

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Trade name: Blossom Protect™ not applicable

Registration No.: 30552

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

Biological bactericide for the control of fire blight (*Erwinia amylovora*) in pome fruit (bearing and non-bearing) and suppression in Woody Rosaceae ornamentals in combination with Buffer Protect Component A.

1.3 Details of the supplier of the safety data sheet

Supplier: bio-ferm, Biotechnologische Entwicklung und Produktion GmbH

Address: Technopark 1

A - 3430 Tulln

Country: Austria

Information contact:

Company: bio-ferm Biotechnologische Entwicklung und Produktion GmbH

Phone: +43 (0) 2272 660896-0 Fax: +43 (0) 2272 660896-11 Email: office@bio-ferm.com

1.4 Emergency telephone number:

Call emergency hotline CHEMTREC 1-800-424-9300.

2 HAZARDS IDENTIFICATION

2.1 Classification of the mixture:

The classification complies with actual legally binding EU Directives and is supplemented by company and literature data.

2.2 Label elements

Hazard determining component for labelling:

Aureobasidium pullulans DSM 14940 Aureobasidium pullulans DSM 14941

KEEP OUT OF REACH OF CHILDREN READ THE LABEL BEFORE USING CAUTION: POTENTIAL SENSITIZER



Trade name: Blossom Protect™

2.3 Other hazards

Contains *Aureobasidium pullulans* DSM 14940 and DSM 14941. May produce an allergic reaction. The substances contained in the product do are not classified as PBT- or vPvB-substance.

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

This product is a mixture.

3.2 Mixtures

Substance name: Aureobasidium pullulans DSM 14940

CAS-No.: 67891-88-7 Concentration: 25-50%

Substance name: Aureobasidium pullulans DSM 14941

CAS-Nr.: 67891-88-7 Concentration: 25-50%

4 FIRST-AID-MEASURES

4.1 Description of first aid measures

General information:

Remove from source of exposure. No specific treatment after contact with cells of *A. pullulans* is required since no specific clinical symptoms are known to occur. As a general precautionary measure, persons who may want to seek medical advice, should inform the physician about the identity of the fungus on species level, and may show the label of the packing as supporting information. In case of severely immunocompromised persons an antifungal treatment may be chosen despite the lacking infectiveness of this strain.

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.



Trade name: Blossom Protect™

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Not recorded

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment. According to the results of a test for minimum inhibitory concentration (MIC) Itraconazole treatment would provide sufficient efficacy against *Aureobasidium pullulans*.

5 FIRE FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: CO₂, dry chemical powder, foam or water spray Unsuitable extinguishing media: not recorded

5.2 Special hazards arising from the substance or mixture

Not recorded

5.3 Advice for fire-fighters

Regarding the product no special protective equipment is necessary. Use protective equipment suitable to the situation.

6 ACCIDENTIAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Please notice instructions for person-related safety precautions and wear protective equipment (see 8). Avoid formation of dust.

6.2 Environmental precautions:

Do not let enter into drains/surface water bodies/ground water.

6.3 Methods and material for containment and cleaning up:

Collect spilled material with shovel, place into a clean container and cover container loosely. Prevent formation of dust. Place into lockable, labeled salvage container for disposal according to the regulations.

6.4 Reference to other sections:

Protective measures in Section 7 and 8.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

Information for safe handling:

Comply with instructions for use. Misuse can lead to injury of health. While handling do not eat, drink or smoke. Prevent formation of dust. Ensure good ventilation/exhaustion at the workplace.



Trade name: Blossom Protect™

KEEP OUT OF REACH OF CHILDREN. May cause sensitization. Avoid contact with eyes, skin or clothing. Avoid inhaling/breathing dusts. Wear coveralls, shoes plus socks, water-proof gloves and NIOSH approved respirator with any N, R, P or HE filter for biological products when handling, applying, and during all clean-up and repair activities. Early entry workers must wear long-sleeved shirts, long pants, shoes plus socks, and water-proof gloves until sprays have dried. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry area inaccessible to children.

Store in original container only. Keep container closed when not in use.

Store in tightly closed containers in a cool, well ventilated and dry place. Consider expiry date.

To prevent contamination store this product away from food or feed.

Information about storage in one common storage facility

To prevent contamination store this product away from food or feed.

Further information on storage conditions

Keep out of the reach of children and domestic animals.

Storage stability at room temperature (≤20°C): 18 months from date of manufacture Storage stability at cold storage (≤8°C): 24 months from date of manufacture

7.3 Specific end uses

Biological bactericide for the control of fire blight (*Erwinia amylovora*) in pome fruit (bearing and non-bearing) and suppression in Woody Rosaceae ornamentals in combination with Component A.

8 EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

If ventilation on working space is insufficient an exhauster should be installed.

8.2.2 Personal protective equipment

Hand protection Water-proof gloves.

Respiratory protection In case of extensive formation of dust a NIOSH approved respirator with

any N, R, P or HE filter for biological products is recommended.



Production date: 25.03.2011
Revision: 20.03.2017
Trade name: Blossom Protect™

Skin and body protection Protective work clothing (Wear coveralls and shoes plus socks). Early

entry workers must wear long-sleeved shirts, long pants, shoes plus

socks, and water-proof gloves until sprays have dried.

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Avoid unnecessary contact with the product. Do not eat, drink or smoke at workplace and keep it tidy. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes and skin. Do not inhale dust/smoke/mist.

8.2.3 Environmental exposure control

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters. For guidance contact the Provincial Regulatory Agency.

DO NOT apply by air.

The spray solution should be used within 8 hours of being prepared.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with moderate to steep slope, compacted soil or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state: Granule

Colour: Off-white to light pink
Odour: similar to bread
Melting point/range (°C): Not applicable.
Boiling point/range (°C): Not applicable.
Flash point (°C): Not applicable.

Ignition temperature (°C): Product is not flammable. (EEC A.10)

Danger of explosion: Product does not present an explosion hazard. (EEC A.14)

Solubility in/ Miscibility with water: Dispersible.

pH-Wert (10g/l) at 20°C: 6.6

9.2 Other safety information

No further physical-chemical data were produced.



Trade name: Blossom Protect™

10 STABILITY AND REACTIVITY

10.1 Reactivity

Not determined

10.2 Chemical stability

The product is stable at room temperature (20°C) for 18 months and at cool storage (8°C) for 24 months.

10.3 Possibility of hazardous reactions

No dangerous reactions known if used according to specifications.

10.4 Conditions to avoid

For reasons of storage stability do not expose the product to temperatures above 40°C. Do not store the product above 20°C for a longer period. Keep dry. Consider information on expiry date on the product label!

10.5 Incompatible materials

Not recorded

10.6 Hazardous decomposition products

No hazardous decomposition products under normal storage conditions known.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

 $\begin{array}{lll} \text{Oral} & \text{LD}_{50} & >& 2000 \text{ mg/kg (Rat)} \\ \text{Dermal} & \text{LD}_{50} & >& 2000 \text{ mg/kg (Rat)} \\ \text{Inhalative} & \text{LC}_{50}/\text{4h} & >& 5.18 \text{ mg/l (Rat)} \\ \end{array}$

Primary irritant effect

On the skin: Not irritating (rabbit, OECD 404) On the eye: Not irritating (rabbit, OECD 405)

Corrosive effect

No further relevant information available

Sensitization

May cause sensitization by skin contact (guinea-pig, OECD 406)

Toxicity at frequent applications

No further relevant information available



Trade name: Blossom Protect™

Carcinogenicity

No further relevant information available

Mutagenicity

The strain DSM 14941 did not show mutagen characteristics in the Micronucleus Test in erythrocytes of mammals (EC B12).

Reproductive toxicity

No further relevant information available

Additional toxicological information

The strain DSM 14941 did not show infectivity in an oral (OPPTS 885.3050), inhalative (885.3150) and subcutaneous test (OPPTS 885.3200) on infectivity.

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity

 $\begin{array}{lll} EC_{50}/48h & >& 200 \text{ mg/l (Water flea ($Daphnia magna)$)} \\ EC/LC_{50}/21d & >& 200 \text{ mg/l (Water flea ($Daphnia magna)$)} \\ EC_{50}/7d & >& 100 \text{ mg/l (Water lense ($Lemna minor$)$)} \\ EC_{50}/7d & >& 250 \text{ mg/l (Water lense ($Lemna gibba$)$)} \\ \end{array}$

EC₅₀/72h >100 mg/l (Algae (*Pseudokirchneriella subcapitata*)) EC₅₀/96h >100 mg/l (Rainbow trout (*Oncorhynchus mykiss*))

Effects on earthworms

LC₅₀/14d >1000 mg/kg soil (earthworm (*Dendrobena hortensis*))

Effects on spider mites

A laboratory test with the predatory mite *Typhlodromus pyri* resulted in a LR₅₀ above the maximum application rate.

Effects on birds

LD₅₀/30d >2000 mg/kg-bw* ID₅₀/30d >2000 mg/kg-bw*

Effects on bees

LD₅₀/22d >200 μg/bee NOEC/22d 200 μg/bee



^{*} Data refer to a product which contains the strain Aureobasidium pullulans DSM 14941.

Trade name: Blossom Protect™

12.2 Persistence and degradability

Degradation in soil: The product is easily biodegradable.

Not hazardous to water.

12.3 Bioaccumulative potential

No further relevant information available

12.4 Mobility in soil

No further relevant information available

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

No further relevant information available

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

- 1. Triple- or pressure rinse the empty container. Add the rinsings to the spray mixture in the tank.
- 2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
- 3. Make the empty container unsuitable for further use.
- 4. Dispose of the container in accordance with provincial requirements.
- 5. Dispose unwanted product in accordance with municipal or provincial regulations. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

14 TRANSPORT INFORMATION

14.1 UN-No

Not applicable

14.2 Proper shipping name

Not applicable

14.3 Class(es)

Road-/Rail transport ADR/RID-Class: no dangerous good Maritime transport IMDG/GGVSee-Class: no dangerous good Air transport ICAO-TI and IATA-DGR-Class: no dangerous good

14.4 Packing group

Not applicable



Trade name: Blossom Protect™

14.5 Environmental hazards

Road-/Rail transport ADR/RID-Class: no dangerous good Maritime transport IMDG/GGVSee-Class: no dangerous good Air transport ICAO-TI and IATA-DGR-Class: no dangerous good

14.6 Special precautions for user

See Sections 6 to 8

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

The product is sold only in appropriate packaging.

15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the mixture EU regulations

The product is classified according to EC guidelines.

National regulations

The classification is made according to national registration.

15.2 Chemical Safety Assessment

The mixture was not subject to a chemical safety assessment.

16 OTHER INFORMATION

Further information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Changes to the previous version

Section: 1.4, 2.3, 16, This SDS is replacing the SDS from 25.03.2011.



Trade name: Buffer Protect Component A

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Trade name: Buffer Protect Component A

CAS-No.: 77-92-9

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

Citric Acid Buffer to adjust the pH of a suspension of Blossom Protect Component B for the control of fire blight (*Erwinia amylovora*) in pome fruit (bearing and non-bearing). Suppresses fire blight in woody Rosaceae ornamentals.

SU 22: Commercial use

SU1: Agriculture PC 12: Fertilizer

PROC 11: Non industrial spraying

ERC 8d: Wide dispersive outdoor use of processing aids in open systems

1.3 Details of the supplier of the safety data sheet

Supplier: bio-ferm, Biotechnologische Entwicklung und Produktion GmbH

Address: Technopark 1

A - 3430 Tulln

Country: Austria

Information contact:

Company: bio-ferm Biotechnologische Entwicklung und Produktion GmbH

Phone: +43 (0) 2272 660896-0 Fax: +43 (0) 2272 660896-11 Email: office@bio-ferm.com

1.4 Emergency telephone number:

Call emergency hotline CHEMTREC 1-800-424-9300.

2 HAZARDS IDENTIFICATION

2.1 Classification of the mixture:

The classification complies with actual legally binding EU Directives and is supplemented by company and literature data.

2.2 Label elements

Hazard determining component for labelling:

Citric acid

READ THE LABEL BEFORE USING

CAUTION: CAUSES SERIOUS EYE IRRITATION



Trade name: Buffer Protect Component A

2.3 Other hazards

The substances contained in the product do are not classified as PBT- or vPvB-substance.

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

This product is a mixture.

3.2 Mixtures

Substance name: Citric acid CAS-No.: 77-92-9 EINECS-No.: 201-069-1 Concentration: 25-50%

4 FIRST-AID-MEASURES

4.1 Description of first aid measures

General information:

Remove from source of danger area. Upon suspicion of poisoning stop working and seek medical advice. Call local emergency information. Take container, label or product name with you when seeking medical attention.

If swallowed: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Remove contaminated clothes, wash the affected skin with water and soap. If symptoms of indisposition persist, seek medical advice.

If inhaled: Supply fresh air; consult doctor in case of complaints.

If in eyes: Hold eye open and rinse slowly and gently with water. Remove contact lenses, if present. Call a poison control centre or doctor for treatment advice.

4.2 Most important symptoms and effects, both acute and delayed

Not recorded

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

5 FIRE FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: CO₂, dry chemical powder, foam or water spray Unsuitable extinguishing media: Water with full jet.



Trade name: Buffer Protect Component A

5.2 Special hazards arising from the substance or mixture

In case of fire, formation of carbon dioxide (CO₂) or carbon monoxide (CO) may occur. Fire extinguishers should be kept handy. Avoid formation of dust. In case of risk of a dust explosion measures according to the European Explosion Protection Directive may be applicable. Take precautionary measures against static charges.

5.3 Advice for fire-fighters

Do not stay in dangerous zone without suitable chemical protection clothing and selfcontained breathing apparatus. Suppress (knock down) gases/vapours/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

6 ACCIDENTIAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin and eyes. Avoid formation of dust. Wear personal protective equipment. Keep people at a distance and stay on the windward side.

6.2 Environmental precautions:

Do not let enter into drains/surface water bodies/ground water.

6.3 Methods and material for containment and cleaning up:

Collect spilled material with shovel, place into a clean container and cover container loosely. Prevent formation of dust. Dust may form explosive mixtures with air. Place into lockable, labeled salvage container for disposal according to the regulations. Do not let enter into drains/surface water bodies/ground water. After cleaning, rinse with water. Neutralizing agents (e.g. sodium bicarbonate).

6.4 Reference to other sections:

Handling in Section 7.

Personal protection in Section 8.

Disposal consideration in Section 13.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

The usual precautionary measures are to be adhered to when handling chemicals. Use personal protective equipment. Take precautionary measures against static charges. Prevent formation of dust. Do not eat, drink or smoke at workplace and keep it tidy.

7.2 Conditions for safe storage, including any incompatibilities:

Store in original container only. Store in tightly closed containers in a cool, well ventilated and dry place. Keep away from frost, heat and direct sunlight. Incompatible with bases.

Trade name: Buffer Protect Component A

Further information on storage conditions

Keep out of the reach of children and domestic animals.

To prevent contamination store this product away from food or feed.

Recommended storage temperature: > 5°C

Storage class (TRGS 510): 10-13

7.3 Specific end uses

Citric Acid Buffer to adjust the pH of a suspension of Blossom Protect Component B for the control of fire blight (*Erwinia amylovora*) in pome fruit (bearing and non-bearing). Suppresses fire blight in woody Rosaceae ornamentals.

8 EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters

The product does not contain substances that require monitoring at the workplace.

PNEC (Predicted No Effect Concentration)-values:

Water = 440 mg/l

Fresh water sediment = 34.6 mg/kg

Marine sediment = 3.46 mg/kg

Soil = 33.1 mg/kg

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. If ventilation on working space is insufficient an exhauster should be installed.

8.2.2 Personal protective equipment

Eye/Face protection Safety goggles or face protection.

Skin protection Rubber gloves or synthetic gloves.

The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Respiratory protection In case of extensive formation of dust a protective dust mask is

recommended.

Body protection Protective work clothing (e.g. boots, long-sleeved body covering clothing).



Trade name: Buffer Protect Component A

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Avoid unnecessary contact with the product. Do not eat, drink or smoke at workplace and keep it tidy. Immediately remove all soiled and contaminated clothing. Wash hands before break and at the end of work. Avoid contact with eyes and skin.

8.2.3 Environmental exposure control

Prevent further leakage or spillage if safe to do so.

See Section 6 and 7.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state: Solid

Colour: White to yellowish

Odour: odorless

pH: 3.3 – 4.0 in 1% water

Melting point/range (°C):

Boiling point/range (°C):

Flash point (°C):

Not applicable.

Not applicable.

Ignition temperature (°C): Product is not flammable. (EEC A.10)

Danger of explosion: dust-explosion hazard

Solubility in/ Miscibility with water: Soluble

9.2 Other safety information

No further physical-chemical data were produced.

10 STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reactions are known if used according to specifications.

10.2 Chemical stability

The product is stable at room temperature for at least 2 years.

10.3 Possibility of hazardous reactions

For dust-air mixtures under certain conditions danger of dust-explosion.

10.4 Conditions to avoid

Keep away from heat and humidity.

10.5 Incompatible materials

Materials to be avoided: strong bases, oxidizing agents and metals.



Trade name: Buffer Protect Component A

10.6 Hazardous decomposition products

No hazardous decomposition products under normal storage conditions known. In case of fire / high temperature formation of hazardous / toxic fumes possible.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Dust or high concentrated solutions are highly irritating to eyes. Low skin irritation to intact skin.

Oral LD₅₀ 11700 mg/kg (rat) OECD 401

Dermal LD_{50} >2000 mg/kg (rat)

Irritant effect

On the skin: not irritant. May cause skin irritation in sensitive individuals. (rabbit)

On the eye: strong irritant. (rabbit)

Sensitization effect

No sensitizing effects known.

Maximization test: OECD Test Guideline 406 (guinea pig)

Toxicity at frequent applications

After use of occupational local irritant effects, mainly on respiratory tract, were observed. However, there are no data available which could assure the establishment of a threshold value.

Carcinogenicity, Mutagenicity, Reproductive toxicity

Reproduction toxicity:

Citric acid was found to be not reproductively toxic.

Mutagenitcity:

Citric acid was found to be not mutagenic.

Cancerogenicity:

Citric acid was found to be not carcinogenic.

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity

 $LC_{50}/96h$ 440-760 mg/l Golden Orfe (*Leuciscus idus*) $EC_{50}/48h$ 1535 mg/l Water flea (*Daphnia magna*) $EC_{50}/7d$ 425 mg/l Algae (*Scenedesmus quadricauda*)



Trade name: Buffer Protect Component A

12.2 Persistence and degradability

Soil: the product is easily biodegradable

97%, Trial duration: 28 days, Method: OECD-Test guideline: 301B 100%, Trial duration: 19 days, Method: OECD-Test guideline: 301E

12.3 Bioaccumulative potential

The product is water soluble and easily biodegradable in water and soil. An accumulation is not expected.

Distribution coefficient n-octanole/water: Citric acid: Log Pow -1.72

12.4 Mobility in soil

No further relevant information available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT).

12.6 Other adverse effects

Biological Oxygen Demand (BOD) = 526 mg/g Chemical Oxygen Demand (COD) = 728 mg/g Harmful effect due to pH shift.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not let enter into drains. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

EU waste code:

070199 Wastes from the manufacture, formulation, supply and use (MFSU) of basic organic

chemicals; wastes not otherwise specified

Disposal of uncleaned packaging and recommended cleaning agents:

Contaminated packaging must be emptied completely, and can be re-used after appropriate cleaning. Packaging that cannot be cleaned should be disposed of like the product.

14 TRANSPORT INFORMATION

14.1 UN-No

Not applicable

14.2 Proper shipping name

Not applicable



Trade name: Buffer Protect Component A

14.3 Class(es)

Road-/Rail transport ADR/RID-Class: no dangerous good Maritime transport IMDG/GGVSee-Class: no dangerous good Air transport ICAO-TI and IATA-DGR-Class: no dangerous good

14.4 Packing group

Not applicable

14.5 Environmental hazards

Road-/Rail transport ADR/RID-Class: no dangerous good Maritime transport IMDG/GGVSee-Class: no dangerous good Air transport ICAO-TI and IATA-DGR-Class: no dangerous good

14.6 Special precautions for user

See Sections 6 to 8

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

The product is sold only in appropriate packaging.

15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the mixture EU regulations

The product is classified according to EC guidelines.

National regulations

The classification is made according to national registration.

15.2 Chemical Safety Assessment

The mixture was not subject to a chemical safety assessment.

16 OTHER INFORMATION

Further information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Changes to the previous version

Section: 1-16, This SDS is replacing the SDS from 15.12.2016.