



# MATERIAL SAFETY DATA SHEET

Revision date: 17-Nov-2011

Version: 2.0

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Pfizer Inc**  
**Pfizer Pharmaceuticals Group**  
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New York, New York 10017  
1-212-573-2222

**Emergency telephone number:**  
**CHEMTREC (24 hours): 1-800-424-9300**  
**Contact E-Mail:** pfizer-MSDS@pfizer.com

**Pfizer Ltd**  
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**Sandwich, Kent**  
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**International CHEMTREC (24 hours): +1-703-527-3887**

**Material Name: Caduet (Amlodipine besylate/Atorvastatin calcium) tablets-  
5 mg/10 mg and 10 mg/20 mg**

|                         |  |
|-------------------------|--|
| <b>Trade Name:</b>      | CADUET   |
| <b>Chemical Family:</b> | Mixture  |
| <b>Intended Use:</b>    | Pharmaceutical product for the treatment of high blood pressure (hypertension), high cholesterol (hyperlipidemia). |

## 2. HAZARDS IDENTIFICATION

**Appearance:** 5 mg/10 mg: White film-coated tablets 10 mg/20 mg: Blue film-coated tablets  
**Signal Word:** WARNING

**Statement of Hazard:** Toxic to aquatic life with long lasting effects.

**Additional Hazard Information:**  
**Short Term:** May cause eye irritation; May be harmful if swallowed. (based on components) .  
Antihypertensive drug: has blood pressure-lowering properties

**Long Term:** Repeat-dose studies in animals have shown a potential to cause adverse effects on liver.  
**Known Clinical Effects:** Adverse effects associated with therapeutic use of amlodipine include headache, swelling, dizziness, flushing, and palpitations. The most common adverse effects seen with the therapeutic use of atorvastatin include constipation, flatulence, upset stomach, and abdominal pain. Therapeutic use of atorvastatin has been associated with changes in liver function and muscle aches or weakness.

**EU Classification**  
**EU Indication of danger:** Dangerous for the Environment

**EU Hazard Symbols:**



**EU Risk Phrases:** R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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## 2. HAZARDS IDENTIFICATION

Australian Hazard Classification (NOHSC): Hazardous Substance. Non-Dangerous Goods.

**Note:** This document has been prepared in accordance with standards for workplace safety, which require the inclusion of all known hazards of the product or its ingredients regardless of the potential risk. The precautionary statements and warnings included may not apply in all cases. Your needs may vary depending upon the potential for exposure in your workplace.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous

| Ingredient                 | CAS Number  | EU EINECS/ELINCS List  | EU Classification            | %     |
|----------------------------|-------------|------------------------|------------------------------|-------|
| Amlodipine besylate        | 111470-99-6 | Not Listed             | N;R50/53<br>Xn;R22<br>Xi;R41 | 6.94  |
| Atorvastatin calcium       | 134523-03-8 | Not Listed             | R52/53                       | 10.85 |
| Silicon dioxide, NF        | 7631-86-9   | 231-545-4<br>418-260-2 | Not Listed                   | *     |
| Calcium carbonate          | 471-34-1    | 207-439-9              | Not Listed                   | *     |
| Microcrystalline cellulose | 9004-34-6   | 232-674-9              | Not Listed                   | *     |
| Starch, pregelatinized     | 9005-25-8   | 232-679-6              | Not Listed                   | *     |
| Magnesium stearate         | 557-04-0    | 209-150-3              | Not Listed                   | *     |

| Ingredient              | CAS Number   | EU EINECS/ELINCS List | EU Classification | % |
|-------------------------|--------------|-----------------------|-------------------|---|
| Opadry blue             | NOT ASSIGNED | Not Listed            | Not Listed        | * |
| Opadry clear            | NOT ASSIGNED | Not Listed            | Not Listed        | * |
| Opadry white            | NOT ASSIGNED | Not Listed            | Not Listed        | * |
| Hydroxypropyl cellulose | 9004-64-2    | Not Listed            | Not Listed        | * |
| Croscarmellose sodium   | 74811-65-7   | Not Listed            | Not Listed        | * |
| Polysorbate 80          | 9005-65-6    | Not Listed            | Not Listed        | * |

**Additional Information:** \* Proprietary  
Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety.

For the full text of the R phrases mentioned in this Section, see Section 16

## 4. FIRST AID MEASURES

**Eye Contact:** Flush with water while holding eyelids open for at least 15 minutes. Seek medical attention immediately.

**Skin Contact:** Remove contaminated clothing. Flush area with large amounts of water. Use soap. Seek medical attention.

**Ingestion:** Never give anything by mouth to an unconscious person. Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately.

**Inhalation:** Remove to fresh air and keep patient at rest. Seek medical attention immediately.

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**Symptoms and Effects of Exposure:** For information on potential signs and symptoms of exposure, See Section 2 - Hazards Identification and/or Section 11 - Toxicological Information.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Use carbon dioxide, dry chemical, or water spray.

**Hazardous Combustion Products:** Carbon monoxide, carbon dioxide, oxides of nitrogen, oxides of sulfur, hydrochloride, and other chlorine-containing compounds

**Fire Fighting Procedures:** During all fire fighting activities, wear appropriate protective equipment, including self-contained breathing apparatus.

**Fire / Explosion Hazards:** Not applicable

## 6. ACCIDENTAL RELEASE MEASURES

**Health and Safety Precautions:** Personnel involved in clean-up should wear appropriate personal protective equipment (see Section 8). Minimize exposure.

**Measures for Cleaning / Collecting:** Contain the source of spill if it is safe to do so. Collect spilled material by a method that controls dust generation. A damp cloth or a filtered vacuum should be used to clean spills of dry solids. Clean spill area thoroughly.

**Measures for Environmental Protections:** Place waste in an appropriately labeled, sealed container for disposal. Care should be taken to avoid environmental release.

**Additional Consideration for Large Spills:** Non-essential personnel should be evacuated from affected area. Report emergency situations immediately. Clean up operations should only be undertaken by trained personnel.

## 7. HANDLING AND STORAGE

**General Handling:** Minimize dust generation and accumulation. If tablets or capsules are crushed and/or broken, avoid breathing dust and avoid contact with eyes, skin, and clothing. When handling, use appropriate personal protective equipment (see Section 8). Wash hands and any exposed skin after removal of PPE. Refer to Section 12 - Ecological Information, for information on potential effects on the environment. Review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure or environmental releases. Potential points of process emissions of this material to the atmosphere should be controlled with dust collectors, HEPA filtration systems or other equivalent controls. Releases to the environment should be avoided.

**Storage Conditions:** Store as directed by product packaging.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Refer to available public information for specific member state Occupational Exposure Limits.

|                      |                      |
|----------------------|----------------------|
| Amlodipine besylate  |                      |
| Pfizer OEL TWA-8 Hr: | 100µg/m <sup>3</sup> |
| Atorvastatin calcium |                      |
| Pfizer OEL TWA-8 Hr: | 50 µg/m <sup>3</sup> |

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Silicon dioxide, NF

|  |  |
|--|--|
| Australia TWA                            | 2 mg/m <sup>3</sup>                    |
| Austria OEL - MAKs                       | 4 mg/m <sup>3</sup>                    |
| Czech Republic OEL - TWA                 | 0.1 mg/m <sup>3</sup>                  |
|  | 4.0 mg/m <sup>3</sup>                  |
| Estonia OEL - TWA                        | 2 mg/m <sup>3</sup>                    |
| Germany - TRGS 900 - TWAs                | 4 mg/m <sup>3</sup>                    |
| Germany (DFG) - MAK                      | 4 mg/m <sup>3</sup> inhalable fraction |
| Ireland OEL - TWAs                       | 6 mg/m <sup>3</sup>                    |
|  | 2.4 mg/m <sup>3</sup>                  |
| Latvia OEL - TWA                         | 1 mg/m <sup>3</sup>                    |
| OSHA - Final PELs - Table Z-3 Mineral D: | 20 mppcf                               |
|  | Listed                                 |
| Slovakia OEL - TWA                       | 4.0 mg/m <sup>3</sup>                  |
| Slovenia OEL - TWA                       | 4 mg/m <sup>3</sup>                    |

#### Calcium carbonate

|                    |                        |
|--------------------|------------------------|
| Bulgaria OEL - TWA | 10.0 mg/m <sup>3</sup> |
| France OEL - TWA   | 10 mg/m <sup>3</sup>   |
| Latvia OEL - TWA   | 6 mg/m <sup>3</sup>    |
| Poland OEL - TWA   | 10 mg/m <sup>3</sup>   |
| Portugal OEL - TWA | 10 mg/m <sup>3</sup>   |
| Spain OEL - TWA    | 10 mg/m <sup>3</sup>   |

#### Microcrystalline cellulose

|                                   |                      |
|-----------------------------------|----------------------|
| ACGIH Threshold Limit Value (TWA) | 10 mg/m <sup>3</sup> |
| Australia TWA                     | 10 mg/m <sup>3</sup> |
| Belgium OEL - TWA                 | 10 mg/m <sup>3</sup> |
| Estonia OEL - TWA                 | 10 mg/m <sup>3</sup> |
| France OEL - TWA                  | 10 mg/m <sup>3</sup> |
| Ireland OEL - TWAs                | 10 mg/m <sup>3</sup> |
|                                   | 4 mg/m <sup>3</sup>  |
| Latvia OEL - TWA                  | 2 mg/m <sup>3</sup>  |
| OSHA - Final PELs - TWAs:         | 15 mg/m <sup>3</sup> |
| Portugal OEL - TWA                | 10 mg/m <sup>3</sup> |
| Romania OEL - TWA                 | 10 mg/m <sup>3</sup> |
| Spain OEL - TWA                   | 10 mg/m <sup>3</sup> |

#### Starch, pregelatinized

|                                   |                        |
|-----------------------------------|------------------------|
| ACGIH Threshold Limit Value (TWA) | 10 mg/m <sup>3</sup>   |
| Australia TWA                     | 10 mg/m <sup>3</sup>   |
| Belgium OEL - TWA                 | 10 mg/m <sup>3</sup>   |
| Bulgaria OEL - TWA                | 10.0 mg/m <sup>3</sup> |
| Czech Republic OEL - TWA          | 4.0 mg/m <sup>3</sup>  |
| Greece OEL - TWA                  | 10 mg/m <sup>3</sup>   |
|                                   | 5 mg/m <sup>3</sup>    |
| Ireland OEL - TWAs                | 10 mg/m <sup>3</sup>   |
|                                   | 4 mg/m <sup>3</sup>    |
| OSHA - Final PELs - TWAs:         | 15 mg/m <sup>3</sup>   |
| Portugal OEL - TWA                | 10 mg/m <sup>3</sup>   |

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                    |                      |
|--------------------|----------------------|
| Slovakia OEL - TWA | 4 mg/m <sup>3</sup>  |
| Spain OEL - TWA    | 10 mg/m <sup>3</sup> |

#### Magnesium stearate

|                                   |                      |
|-----------------------------------|----------------------|
| ACGIH Threshold Limit Value (TWA) | 10 mg/m <sup>3</sup> |
| Lithuania OEL - TWA               | 5 mg/m <sup>3</sup>  |
| Sweden OEL - TWAs                 | 5 mg/m <sup>3</sup>  |

The exposure limit(s) listed for solid components are only relevant if dust may be generated.

**Analytical Method:** Analytical method available for Amlodipine, Atorvastatin. Contact Pfizer Inc for further information.

**Engineering Controls:** Engineering controls should be used as the primary means to control exposures. General room ventilation is adequate unless the process generates dust, mist or fumes. Keep airborne contamination levels below the exposure limits listed above in this section.

**Environmental Exposure Controls:** Refer to specific Member State legislation for requirements under Community environmental legislation.

**Personal Protective Equipment:** Refer to applicable national standards and regulations in the selection and use of personal protective equipment (PPE).

**Hands:** Impervious gloves are recommended if skin contact with drug product is possible and for bulk processing operations.

**Eyes:** Wear safety glasses or goggles if eye contact is possible.

**Skin:** Impervious protective clothing is recommended if skin contact with drug product is possible and for bulk processing operations.

**Respiratory protection:** If the applicable Occupational Exposure Limit (OEL) is exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures to below the OEL.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                           |                     |                          |            |
|---------------------------|---------------------|--------------------------|------------|
| <b>Physical State:</b>    | Film-coated tablets | <b>Color:</b>            | Blue White |
| <b>Molecular Formula:</b> | Mixture             | <b>Molecular Weight:</b> | Mixture    |

**Polymerization:** Will not occur

### 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions of use.

**Conditions to Avoid:** Fine particles (such as dust and mists) may fuel fires/explosions.

**Incompatible Materials:** As a precautionary measure, keep away from strong oxidizers

**Hazardous Decomposition Products:** None known

### 11. TOXICOLOGICAL INFORMATION

**General Information:** The information included in this section describes the potential hazards of the individual ingredients.

**Acute Toxicity: (Species, Route, End Point, Dose)**

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### 11. TOXICOLOGICAL INFORMATION

#### Calcium carbonate

Rat Oral LD50 6450 mg/kg

#### Magnesium stearate

Rat Oral LD50 > 2000 mg/kg

Rat Inhalation LC50 > 2000 mg/m<sup>3</sup>

#### Microcrystalline cellulose

Rat Oral LD50 > 5000 mg/kg

Rabbit Dermal LD50 > 2000 mg/kg

#### Polysorbate 80

Rat Oral LD50 25 g/kg

#### Silicon dioxide, NF

Rat Oral LD50 10 g/kg

#### Amlodipine besylate

Rat (M) Oral LD50 393 mg/kg

Rat (F) Oral LD50 686 mg/kg

#### Atorvastatin calcium

Rat/Mouse Oral LD50 > 5000 mg/kg

Rabbit Dermal LD50 > 2000 mg/kg

#### Acute Toxicity Comments:

A greater than symbol (>) indicates that the toxicity endpoint being tested was not achievable at the highest dose used in the test.

#### Irritation / Sensitization: (Study Type, Species, Severity)

##### Microcrystalline cellulose

Skin Irritation Rabbit Non-irritating

Eye Irritation Rabbit Non-irritating

##### Amlodipine besylate

Eye Irritation Rabbit Severe

Skin Irritation Rabbit Non-irritating

Skin Sensitization - GPMT Guinea Pig Negative

##### Atorvastatin calcium

Skin Sensitization - Beuhler Guinea Pig Negative

Skin Irritation Rabbit Non-irritating

Eye Irritation Rabbit Mild

#### Repeated Dose Toxicity: (Duration, Species, Route, Dose, End Point, Target Organ)

##### Amlodipine besylate

3 Month(s) Rat Oral 3 mg/kg/day NOAEL Adrenal gland, Heart

1 Month(s) Rat Oral 3.5 mg/kg/day LOEL Heart

1 Year(s) Rat Oral 2 mg/kg/day NOAEL Adrenal gland, Heart

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### 11. TOXICOLOGICAL INFORMATION

#### Atorvastatin calcium

|             |       |      |                                 |       |       |
|-------------|-------|------|---------------------------------|-------|-------|
| 104 Week(s) | Dog   | Oral | 10 mg/kg/day                    | LOAEL | Liver |
| 13 Week(s)  | Mouse | Oral | 100 mg/kg/day                   | LOAEL | Liver |
| 52 Week(s)  | Rat   | Oral | 5 mg/kg/day                     | NOAEL | Liver |
| 13 Week(s)  | Rat   | Oral | 5 (male); 20 (female) mg/kg/day | NOAEL | Liver |

#### Reproduction & Developmental Toxicity: (Study Type, Species, Route, Dose, End Point, Effect(s))

##### Amlodipine besylate

|                                     |        |      |              |       |                                    |
|-------------------------------------|--------|------|--------------|-------|------------------------------------|
| Fertility and Embryonic Development | Rat    | Oral | 25 mg/kg/day | NOAEL | Not teratogenic, Maternal toxicity |
| Peri-/Postnatal Development         | Rat    | Oral | 4 mg/kg/day  | NOAEL | Fetotoxicity, Fetal mortality      |
| Prenatal & Postnatal Development    | Rat    | Oral | 25 mg/kg/day | NOAEL | Not Teratogenic                    |
| Prenatal & Postnatal Development    | Rabbit | Oral | 25 mg/kg/day | NOAEL | Not Teratogenic                    |

##### Atorvastatin calcium

|                                     |        |      |               |       |  |
|-------------------------------------|--------|------|---------------|-------|--|
| Reproductive & Fertility            | Rat    | Oral | 20 mg/kg/day  | NOAEL | Negative   |
| Fertility and Embryonic Development | Rat    | Oral | 100 mg/kg/day | NOAEL | Negative   |
| Embryo / Fetal Development          | Rat    | Oral | 100 mg/kg/day | NOAEL | Not Teratogenic, Maternal Toxicity               |
| Embryo / Fetal Development          | Rabbit | Oral | 10 mg/kg/day  | NOAEL | Not Teratogenic, Maternal Toxicity, Fetotoxicity |
| Peri-/Postnatal Development         | Rat    | Oral | 20 mg/kg/day  | NOAEL | Fetotoxicity                                     |

##### Reproductive Effects

No effects on fertility or reproductive performance were observed for amlodipine besylate or amlodipine maleate in the rat. Amlodipine besylate was reported to prolong gestation and duration of labor in rats. This effect has been similarly reported for other calcium channel blockers. No adverse effects on fertility or reproduction were observed in rats given atorvastatin calcium at doses up to 175 mg/kg/day in males or up to 225 mg/kg/day in females. Also, atorvastatin did not cause adverse effects on sperm or semen parameters, or on reproductive organ histology in dogs given doses of 10, 40, or 120 mg/kg/day for 2 years.

##### Teratogenicity

No evidence of embryotoxicity, fetotoxicity or teratogenicity was seen in rats or rabbits when amlodipine besylate was administered at dose levels up to 25 mg/kg. No birth defects were observed in rats or rabbits when atorvastatin calcium was given at maternally and fetally toxic doses. However, rare reports of birth defects have been linked to drugs of this class. Liver Adrenal glands Cardiovascular system

#### Genetic Toxicity: (Study Type, Cell Type/Organism, Result)

##### Amlodipine besylate

|   |                                    |          |
|---|------------------------------------|----------|
| <i>In Vitro</i> Bacterial Mutagenicity (Ames) | <i>Salmonella</i> , <i>E. coli</i> | Negative |
| <i>In Vivo</i> Cytogenetics                   | Mouse Bone Marrow                  | Negative |
| <i>In Vitro</i> Chromosome Aberration         | Human Lymphocytes                  | Negative |

##### Atorvastatin calcium

|   |                                    |          |
|---|------------------------------------|----------|
| <i>In Vitro</i> Bacterial Mutagenicity (Ames) | <i>Salmonella</i> , <i>E. coli</i> | Negative |
| <i>In Vivo</i> Micronucleus                   | Mouse Bone Marrow                  | Negative |

##### Mutagenicity

Amlodipine showed No evidence of mutagenic activity in bacterial or mammalian cells in vitro, or clastogenic activity in vitro or in vivo. Atorvastatin showed No evidence of mutagenic or clastogenic activity in in vitro or in vivo tests.

#### Carcinogenicity: (Duration, Species, Route, Dose, End Point, Effect(s))

##### Amlodipine besylate

|             |     |               |               |       |  |
|-------------|-----|---------------|---------------|-------|--|
| 24 Month(s) | Rat | Oral, in feed | 2.5 mg/kg/day | NOAEL | Not carcinogenic, No effects at maximum dose |
|-------------|-----|---------------|---------------|-------|--|

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24 Month(s) Mouse Oral, in feed 0.5 mg/kg/day NOAEL Not carcinogenic

#### Atorvastatin calcium

104 Week(s) Mouse Oral 200 mg/kg/day NOAEL Not carcinogenic  
104 Week(s) Rat Oral 100 mg/kg/day NOAEL Not carcinogenic

#### Carcinogen Status:

None of the components of this formulation are listed as a carcinogen by IARC, NTP or OSHA.

#### Silicon dioxide, NF IARC:

Group 3 (Not Classifiable)

#### At increase risk from exposure:

Individuals with a known history of hypersensitivity to this material or other materials in its chemical class and individuals with liver conditions and/or impaired liver function may be more susceptible to toxicity in cases of overexposure. Atorvastatin calcium as a HMG-CoA reductase inhibitor is contraindicated during pregnancy and in nursing mothers. Women of childbearing age or nursing mothers should exercise caution regarding exposure.

#### Additional Information:

There have been rare reports of persistent elevations of liver function enzymes or myopathy resulting from therapeutic use of atorvastatin calcium.

### 12. ECOLOGICAL INFORMATION

#### Environmental Overview:

This formulation has not been tested as a whole, the following apply to component substance(s): Harmful effects to aquatic organisms could occur.

#### Bioaccumulation and Toxicity:

Moderate acute toxicity to aquatic organisms could occur. See aquatic toxicity data, below.

#### Aquatic Toxicity: (Species, Method, End Point, Duration, Result)

##### Amlodipine besylate

*Daphnia magna* (Water Flea) OECD EC50 48 Hours 9.9 mg/L  
*Oncorhynchus mykiss* (Rainbow Trout) OECD LC50 96 Hours 14 mg/L  
Green algae OECD EbC50 72 Hours 0.28 mg/L  
Green Algae OECD ErC50 72 Hours > 0.91 mg/L

##### Atorvastatin calcium

*Daphnia magna* (Water Flea) EC50 48 Hours 200 mg/L  
*Oncorhynchus mykiss* (Rainbow Trout) OECD LC50 96 Hours > 92 mg/L  
*Pseudokirchneriella subcapitata* (Green Alga) OECD EbC50 72 Hours 75 mg/L  
*Daphnia magna* (Water Flea) OECD NOEC 21 Days 0.14 mg/L  
*Pimephales promelas* (Fathead Minnow) OECD NOEC 32 Days 0.45 mg/L

#### Aquatic Toxicity Comments:

A greater than (>) symbol indicates that acute ecotoxicity was not observed at the maximum solubility. Since the substance is insoluble in aqueous solutions above this concentration, an acute ecotoxicity value (i.e. LC/EC50) is not achievable.

#### Bacterial Inhibition: (Inoculum, Method, End Point, Result)

##### Amlodipine besylate

*Nostoc sp.* (Freshwater Cyanobacteria) MIC 20 mg/L  
*Aspergillus Niger* MIC > 100 mg/L  
*Trichoderma viride* MIC > 100 mg/L  
*Clostridium perfringens* MIC >100 mg/L  
*Bacillus subtilis* MIC 80 mg/L



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### 12. ECOLOGICAL INFORMATION

#### Atorvastatin calcium

*Aspergillus niger* (Fungus) MIC > 1000 mg/L  
*Trichoderma viride* (Fungus) MIC > 1000 mg/L  
*Clostridium perfringens* (Bacterium) MIC 100 mg/L  
Activated sludge OECD EC50 >1000 mg/L

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods:

Dispose of waste in accordance with all applicable laws and regulations. Member State specific and Community specific provisions must be considered. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental releases. This may include destructive techniques for waste and wastewater.

### 14. TRANSPORT INFORMATION

The following refers to all modes of transportation unless specified below.

Not regulated for transport under USDOT, EUADR, IATA, or IMDG regulations.

### 15. REGULATORY INFORMATION

**EU Symbol:** N  
**EU Indication of danger:** Dangerous for the Environment

**EU Risk Phrases:**  
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**EU Safety Phrases:**  
S57 - Use appropriate containment to avoid environmental contamination.

**OSHA Label:**  
WARNING  
Toxic to aquatic life with long lasting effects.

#### Canada - WHMIS: Classifications

**WHMIS hazard class:**  
Class D, Division 2, Subdivision B

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## 15. REGULATORY INFORMATION



### Silicon dioxide, NF

|   |                        |
|---|------------------------|
| Inventory - United States TSCA - Sect. 8(b) | Present                |
| Australia (AICS):                           | Present                |
| EU EINECS/ELINCS List                       | 231-545-4<br>418-260-2 |

### Hydroxypropyl cellulose

|   |         |
|---|---------|
| Inventory - United States TSCA - Sect. 8(b) | Present |
| Australia (AICS):                           | Present |

### Calcium carbonate

|   |           |
|---|-----------|
| Inventory - United States TSCA - Sect. 8(b) | Present   |
| Australia (AICS):                           | Present   |
| EU EINECS/ELINCS List                       | 207-439-9 |

### Croscarmellose sodium

|                   |         |
|-------------------|---------|
| Australia (AICS): | Present |
|-------------------|---------|

### Polysorbate 80

|   |         |
|---|---------|
| Inventory - United States TSCA - Sect. 8(b) | Present |
| Australia (AICS):                           | Present |

### Microcrystalline cellulose

|   |           |
|---|-----------|
| Inventory - United States TSCA - Sect. 8(b) | Present   |
| Australia (AICS):                           | Present   |
| EU EINECS/ELINCS List                       | 232-674-9 |

### Starch, pregelatinized

|   |           |
|---|-----------|
| Inventory - United States TSCA - Sect. 8(b)                     | Present   |
| Australia (AICS):   | Present   |
| REACH - Annex IV - Exemptions from the obligations of Register: | Present   |
| EU EINECS/ELINCS List   | 232-679-6 |

### Magnesium stearate

|   |           |
|---|-----------|
| Inventory - United States TSCA - Sect. 8(b) | Present   |
| Australia (AICS):                           | Present   |
| EU EINECS/ELINCS List                       | 209-150-3 |

## 16. OTHER INFORMATION

Text of R phrases mentioned in Section 3

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R22 - Harmful if swallowed.

R41 - Risk of serious damage to eyes.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Data Sources:** Pfizer proprietary drug development information. Safety data sheets for individual ingredients.

**Reasons for Revision:** Updated Section 2 - Hazard Identification. Updated Section 3 - Composition / Information on Ingredients. Updated Section 12 - Ecological Information. Updated Section 15 - Regulatory Information.

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Pfizer Inc believes that the information contained in this Material Safety Data Sheet is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. If data for a hazard are not included in this document there is no known information at this time.

**End of Safety Data Sheet**