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## **IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING**

**Product Identifier** 

**Material Name: Sirolimus Tablets** 

**RAPAMUNE Trade Name:** 

WY-90217; AY 22989 **Compound Number:** Synonyms: Sirolimus tablets **Chemical Family:** Macrocyclic lactone

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Intended Use: Pharmaceutical product used as immunosuppressive agent

**Details of the Supplier of the Safety Data Sheet** 

Pfizer Inc **Pfizer Pharmaceuticals Group** 235 East 42nd Street New York, New York 10017

1-800-879-3477

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

Pfizer Ltd Ramsgate Road Sandwich, Kent **CT13 9NJ United Kingdom** 

+00 44 (0)1304 616161 **Emergency telephone number:** 

International CHEMTREC (24 hours): +1-703-527-3887

## **HAZARDS IDENTIFICATION**

### **Classification of the Substance or Mixture**

**GHS - Classification** 

Reproductive Toxicity: Category 1B

**Label Elements** 

Signal Word: Danger

**Hazard Statements:** H360FD - May damage fertility. May damage the unborn child.

**Precautionary Statements:** P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P281 - Use personal protective equipment as required

P308 + P313 - IF exposed or concerned: Get medical attention/advice

P405 - Store locked up

P501 - Dispose of contents/container in accordance with all local and national regulations

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Other Hazards

An Occupational Exposure Value has been established for one or more of the ingredients (see

Section 8).

Note:

This document has been prepared in accordance with standards for workplace safety, which requires the inclusion of all known hazards of the product or its ingredients regardless of the potential risk. The precautionary statements and warning 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

nazaruous			2112 21 10 11	
Ingredient	CAS Number	EU	GHS Classification	%
		EINECS/ELINCS		
		List		
Calcium sulfate	7778-18-9	231-900-3	Not Listed	*
Ferric oxide red	1309-37-1	215-168-2	Not Listed	*
Magnesium stearate	557-04-0	209-150-3	Not Listed	*
Microcrystalline cellulose	9004-34-6	232-674-9	Not Listed	*
Polyethylene glycol	25322-68-3	Not Listed	Not Listed	*
Sirolimus	53123-88-9	Not Listed	Repr.1B (H360FD)	0.1-0.6
			Aquatic Acute 1 (H400)	
			Aquatic Chronic 1 (H410)	
Sucrose	57-50-1	200-334-9	Not Listed	*
Lactose NF, monohydrate	64044-51-5	Not Listed	Not Listed	*
Talc (non-asbestiform)	14807-96-6	238-877-9	Not Listed	*
Titanium dioxide	13463-67-7	236-675-5	Not Listed	*

Ingredient	CAS Number	EU EINECS/ELINCS	GHS Classification	%
		List		
Black Iron Oxide	1317-61-9	215-277-5	Not Listed	*
Carnauba wax	8015-86-9	232-399-4	Not Listed	*
DL-Alpha tocopherol	10191-41-0	233-466-0	Not Listed	*
ETHYLENE OXIDE/PROPYLENE	9003-11-6	Not Listed	Not Listed	*
OXIDE COPOLYMER				
Ferric oxide yellow	51274-00-1	257-098-5	Not Listed	*
Glyceryl monooleate	25496-72-4	247-038-6	Not Listed	*
Pharmaceutical glaze	Not assigned	Not Listed	Not Listed	*
Povidone	9003-39-8	Not Listed	Not Listed	*

Additional Information:

\* Proprietary

Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety

In accordance with 29 CFR 1910.1200, the exact percentage composition of this mixture has been withheld as a trade secret.

For the full text of the CLP/GHS abbreviations mentioned in this Section, see Section 16

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## 4. FIRST AID MEASURES

**Description of First Aid Measures** 

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

immediately.

None known

**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.

Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms and Effects of

For information on potential signs and symptoms of exposure, See Section 2 - Hazards

Identification and/or Section 11 - Toxicological Information. Exposure:

**Medical Conditions** 

Aggravated by Exposure:

Indication of the Immediate Medical Attention and Special Treatment Needed

Notes to Physician: None

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Extinguish fires with CO2, extinguishing powder, foam, or water.

Special Hazards Arising from the Substance or Mixture

**Hazardous Combustion** Formation of toxic gases is possible during heating or fire.

**Products:** 

Fire / Explosion Hazards: Fine particles (such as dust and mists) may fuel fires/explosions.

Advice for Fire-Fighters

During all firefighting activities, wear appropriate protective equipment, including self-contained breathing apparatus.

# 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

Personnel involved in clean-up should wear appropriate personal protective equipment (see Section 8). Minimize exposure.

#### **Environmental Precautions**

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

Methods and Material for Containment and Cleaning Up

Measures for Cleaning / Contain the source of spill if it is safe to do so. Collect spilled material by a method that Collecting:

controls dust generation. A damp cloth or a filtered vacuum should be used to clean spills of

dry solids. Clean spill area thoroughly.

**Additional Consideration for** 

Non-essential personnel should be evacuated from affected area. Report emergency

Large Spills: situations immediately. Cleanup operations should only be undertaken by trained personnel.

### 7. HANDLING AND STORAGE

### **Precautions for Safe Handling**

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## 7. HANDLING AND STORAGE

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 thoroughly after handling. Refer to Section 12 - Ecological Information, for information on potential effects on the environment. Releases to the environment should be avoided. 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.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Store as directed by product packaging.

Specific end use(s): Pharmaceutical drug product

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Control Parameters

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

#### Calcium sulfate

ani canate	
ACGIH Threshold Limit Value (TWA)	10 mg/m <sup>3</sup>
Australia TWA	10 mg/m <sup>3</sup>
Austria OEL - MAKs	5 mg/m <sup>3</sup>
Belgium OEL - TWA	10 mg/m <sup>3</sup>
Bulgaria OEL - TWA	10.0 mg/m <sup>3</sup>
France OEL - TWA	10 mg/m <sup>3</sup>
Germany - TRGS 900 - TWAs	6 mg/m <sup>3</sup>
Germany (DFG) - MAK	1.5 mg/m <sup>3</sup>
	4 mg/m³
Hungary OEL - TWA	6 mg/m <sup>3</sup>
Ireland OEL - TWAs	10 mg/m <sup>3</sup>
Latvia OEL - TWA	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>
Slovakia OEL - TWA	6 mg/m <sup>3</sup>
Slovenia OEL - TWA	6 mg/m <sup>3</sup>
Spain OEL - TWA	10 mg/m <sup>3</sup>
Switzerland OEL -TWAs	3 mg/m <sup>3</sup>

## Ferric oxide red

ACGIH Threshold Limit Value (TWA)	5 mg/m³
Australia TWA	5 mg/m³
	10 mg/m <sup>3</sup>
Austria OEL - MAKs	5 mg/m³
	10 mg/m <sup>3</sup>
Belgium OEL - TWA	5 mg/m³
Bulgaria OEL - TWA	5.0 mg/m <sup>3</sup>
Denmark OEL - TWA	3.5 mg/m <sup>3</sup>
Estonia OEL - TWA	3.5 mg/m <sup>3</sup>
Finland OEL - TWA	5 mg/m <sup>3</sup>
France OEL - TWA	5 mg/m <sup>3</sup>
Greece OEL - TWA	10 mg/m <sup>3</sup>
Hungary OEL - TWA	6 mg/m <sup>3</sup>
Ireland OEL - TWAs	5 mg/m <sup>3</sup>
	10 mg/m <sup>3</sup>
	4 mg/m <sup>3</sup>
Lithuania OEL - TWA	3.5 mg/m <sup>3</sup>

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8. EXPOSURE CONTROLS / PERSO	NAL PROTECTION
OSHA - Final DELS - TWAs-	10 m

OSHA - Final PELS - TWAs:	10 mg/m <sup>3</sup>
	15 mg/m <sup>3</sup>
Poland OEL - TWA	5 mg/m <sup>3</sup>
Portugal OEL - TWA	5 mg/m <sup>3</sup>
Romania OEL - TWA	5 mg/m <sup>3</sup>
Russia OEL - TWA	6 mg/m <sup>3</sup>
Slovakia OEL - TWA	1.5 mg/m <sup>3</sup>
Spain OEL - TWA	5 mg/m <sup>3</sup>
Sweden OEL - TWAs	3.5 mg/m <sup>3</sup>
Switzerland OEL -TWAs	3 mg/m <sup>3</sup>
Vietnam OEL - TWAs	5 mg/m <sup>3</sup>

Magnesium stearate

Lithuania OEL - TWA 5 mg/m<sup>3</sup>
Sweden OEL - TWAs 5 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  $2 \text{ mg/m}^3$ **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> 6 mg/m<sup>3</sup> **Russia OEL - TWA** 10 mg/m<sup>3</sup> Spain OEL - TWA

Polyethylene glycol

**Switzerland OEL -TWAs** 

**Vietnam OEL - TWAs** 

 Austria OEL - MAKs
 1000 mg/m³

 Germany - TRGS 900 - TWAs
 1000 mg/m³

**Germany (DFG) - MAK** 1000 mg/m³ average molecular weight 200-600

 $3 \text{ mg/m}^3$ 

 $5 \text{ mg/m}^3$ 

10 mg/m<sup>3</sup>

Slovakia OEL - TWA1000 mg/m³Slovenia OEL - TWA1000 mg/m³Switzerland OEL -TWAs1000 mg/m³

**Sirolimus** 

Pfizer OEL TWA-8 Hr: 0.2µg/m<sup>3</sup>

Sucrose

ACGIH Threshold Limit Value (TWA)

Australia TWA

Belgium OEL - TWA

Bulgaria OEL - TWA

10 mg/m³

10.0 mg/m³

Estonia OEL - TWA

10 mg/m³

10 mg/m³

10 mg/m³

10 mg/m³

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8. EXPOSURE CONTROLS / PERS	SONAL PROTECTION	
Ireland OEL - TWAs	10 mg/m <sup>3</sup>	

Latvia OEL - TWA5 mg/m³Lithuania OEL - TWA10 mg/m³OSHA - Final PELS - TWAs:15 mg/m³Portugal OEL - TWA10 mg/m³Slovakia OEL - TWA6 mg/m³Spain OEL - TWA10 mg/m³

Talc (non-asbestiform)

ACGIH Threshold Limit Value (TWA)

Australia TWA

Austria OEL - MAKs

Belgium OEL - TWA

Bulgaria OEL - TWA

2 mg/m³

2 mg/m³

2 mg/m³

1.0 fiber/cm3

6.0 mg/m³

| 3.0 mg/m³ | 2.0 mg/m³ | 2.0 mg/m³ | 2.0 mg/m³ | 0.3 fiber/cm3 | 0.5 fiber/cm

 $\begin{array}{ccc} \textbf{Hungary OEL - TWA} & 2 \text{ mg/m}^3 \\ \textbf{Ireland OEL - TWAs} & 10 \text{ mg/m}^3 \\ & & 0.8 \text{ mg/m}^3 \end{array}$ 

Lithuania OEL - TWA 2 mg/m³ 1 mg/m³ Netherlands OEL - TWA 0.25 mg/m³ OSHA - Final PELs - Table Z-3 Mineral D: 20 mppcf

Poland OEL - TWA 4.0 mg/m³

Portugal OEL - TWA 2 mg/m³

| Romania OEL - TWA | 2 mg/m³ | Slovakia OEL - TWA | 2 mg/m³ | 10 mg/m³ | 10 mg/m³ | Slovenia OEL - TWA | 2 mg/m³ | 2 mg/m³ | Spain OEL - TWA | 2 mg/m³ | 2 mg/m³ | 2 mg/m³ | 3 mg/m³ | 3

 Sweden OEL - TWAs
 2 mg/m³

 1 mg/m³

 Switzerland OEL -TWAs
 2 mg/m³

Titanium dioxide

**ACGIH Threshold Limit Value (TWA)** 10 mg/m<sup>3</sup> Australia TWA 10 mg/m<sup>3</sup>  $5 \text{ mg/m}^3$ **Austria OEL - MAKs** 10 mg/m<sup>3</sup> **Belgium OEL - TWA Bulgaria OEL - TWA** 10.0 mg/m<sup>3</sup> **Denmark OEL - TWA** 6 mg/m<sup>3</sup> Estonia OEL - TWA 5 mg/m<sup>3</sup>  $10 \text{ mg/m}^3$ France OEL - TWA 10 mg/m<sup>3</sup> **Greece OEL - TWA** 5 mg/m<sup>3</sup> Ireland OEL - TWAs 10 mg/m<sup>3</sup>

 $4 \text{ mg/m}^3$ 

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Latvia OEL - TWA 10 mg/m<sup>3</sup> Lithuania OEL - TWA 5 mg/m<sup>3</sup> **OSHA - Final PELS - TWAs:** 15 mg/m<sup>3</sup> **Poland OEL - TWA** 10.0 mg/m<sup>3</sup> 10 mg/m<sup>3</sup> Portugal OEL - TWA Romania OEL - TWA 10 mg/m<sup>3</sup> 10 mg/m<sup>3</sup> **Russia OEL - TWA** Spain OEL - TWA 10 mg/m<sup>3</sup> 5 ma/m<sup>3</sup> Sweden OEL - TWAs 3 mg/m<sup>3</sup> **Switzerland OEL -TWAs** 6 mg/m<sup>3</sup> Vietnam OEL - TWAs 5 mg/m<sup>3</sup>

**Exposure Controls** 

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.

**Personal Protective** 

Equipment:

Refer to applicable national standards and regulations in the selection and use of personal protective equipment (PPE). Contact your safety and health professional or safety equipment supplier for assistance in selecting the correct protective clothing/equipment based on an assessment of the workplace conditions, other chemicals used or present in the workplace and

specific operational processes.

Hands: Impervious disposable gloves (e.g. Nitrile, etc.) (double recommended) if skin contact with drug

product is possible and for bulk processing operations. (Protective gloves must meet the

standards in accordance with EN374, ASTM F1001 or international equivalent.)

Eyes: Wear safety glasses or goggles if eye contact is possible. (Eye protection must meet the

standards in accordance with EN166, ANSI Z87.1 or international equivalent.)

**Skin:** Impervious disposable protective clothing is recommended if skin contact with drug product is

possible and for bulk processing operations. (Protective clothing must meet the standards in

accordance with EN13982, ANSI 103 or international equivalent.)

**Respiratory protection:** Under normal conditions of use, 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 (e.g. particulate respirator with a full mask, P3 filter). (Respirators must meet the standards in accordance with EN136, EN143, ASTM F2704-10 or international equivalent.)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:TabletColor:Tan, White, Yellow to

Beige

Odor: No data available. Odor Threshold: No data available.

Molecular Formula: Mixture Molecular Weight: Mixture

Solvent Solubility:
Water Solubility:
PH:
No data available
Partition Coefficient: (Method, pH, Endpoint, Value)

**DL-Alpha tocopherol**No data available

Lactose NF, monohydrate

No data available

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Carnauba wax

No data available

## ETHYLENE OXIDE/PROPYLENE OXIDE COPOLYMER

No data available

#### Glyceryl monooleate

No data available

### Microcrystalline cellulose

No data available

### Pharmaceutical glaze

No data available

#### **Povidone**

No data available

## Talc (non-asbestiform)

No data available

#### Titanium dioxide

No data available

#### **Black Iron Oxide**

No data available

### Ferric oxide yellow

No data available

### Magnesium stearate

No data available

### Calcium sulfate

No data available

Sucrose

No data available

### Polyethylene glycol

No data available

### Ferric oxide red

No data available

**Sirolimus** 

Measured Log P >4.63

**Decomposition Temperature (°C):** No data available.

**Evaporation Rate (Gram/s):** No data available Vapor Pressure (kPa): No data available Vapor Density (g/ml): No data available **Relative Density:** No data available Viscosity: No data available

Flammablity:

Autoignition Temperature (Solid) (°C): No data available Flammability (Solids): No data available Flash Point (Liquid) (°C): No data available Upper Explosive Limits (Liquid) (% by Vol.): No data available Lower Explosive Limits (Liquid) (% by Vol.): No data available

## 10. STABILITY AND REACTIVITY

Reactivity: No data available

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

**Possibility of Hazardous Reactions** 

**Oxidizing Properties:** No data available

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## 10. STABILITY AND REACTIVITY

**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 No data available

**Products:** 

## 11. TOXICOLOGICAL INFORMATION

## Information on Toxicological Effects

General Information:

The information included in this section describes the potential hazards of the individual

ingredients.

Known Clinical Effects: Adverse effects associated with therapeutic use include hypersensitivity reactions, nausea,

weakness, skin rash, weight loss, inflammation of the mouth (stomatitis), itching sensation (pruritus), decreased red blood cell count (anemia), decreased white blood cells (leukopenia).

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

#### Microcrystalline cellulose

Rat Oral LD50 > 5000 mg/kg Rabbit Dermal LD50 > 2000 mg/kg

#### **Povidone**

Rat Oral LD50 100 g/kg

### Talc (non-asbestiform)

Rat Oral LD50 > 1600 mg/kg

#### Titanium dioxide

Rat Oral LD50 > 7500 mg/kg Rat Subcutaneous LD50 50 mg/kg

### **Black Iron Oxide**

Rat Oral LD50 >1000 mg/kg

## Magnesium stearate

Rat Oral LD50 > 2000 mg/kg Rat Inhalation LC50 > 2000 mg/m<sup>3</sup>

#### Sucrose

Rat Oral LD50 29.7 g/kg

### **Sirolimus**

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

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## 11. TOXICOLOGICAL INFORMATION

### Polyethylene glycol

Eye Irritation Rabbit Mild Skin Irritation Rabbit Mild

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

**Sirolimus** 

Monkey No route specified 0.05 mg/kg/day NOAEL Lymphoid tissue, Spleen, Thymus, Gastrointestinal System

## Reproduction & Development Toxicity: (Duration, Species, Route, Dose, End Point, Effect(s))

**Sirolimus** 

Reproductive & Fertility Rat No route specified0.1 mg/kg/day NOAEL Embryotoxicity, Fetotoxicity

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

**Sucrose** 

Bacterial Mutagenicity (Ames) Salmonella Negative

**Sirolimus** 

In Vitro Bacterial Mutagenicity (Ames) Salmonella, E. coli Negative

In Vitro Chromosome Aberration Chinese Hamster Ovary (CHO) cells Negative

In Vitro Forward Mutation Assay Mouse Lymphoma Negative

In Vivo Micronucleus Bone Marrow Negative

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

**Sirolimus** 

86 Week(s) Mouse No route specified 6 mg/kg/day LOAEL Tumors, Lymphatic system

104 Week(s) Rat No route specified 0.2 mg/kg/day LOAEL Male reproductive system, Tumors

Carcinogen Status: See below

**Povidone** 

IARC: Group 3 (Not Classifiable)

Talc (non-asbestiform)

IARC: Group 3 (Not Classifiable)

Titanium dioxide

IARC: Group 2B (Possibly Carcinogenic to Humans)

Ferric oxide red

IARC: Group 3 (Not Classifiable)

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## 12. ECOLOGICAL INFORMATION

**Environmental Overview:** The following information is available for the individual ingredients. For information on the

formulated product, see "Data for the Drug Product", below.

**Toxicity:** 

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

**Sirolimus** 

Pseudokirchneriella subcapitata (Green Alga) OECD EC50 72 Hours 0.063 mg/L

Persistence and Degradability: No data available

**Bio-accumulative Potential:** 

Partition Coefficient: (Method, pH, Endpoint, Value)

**Sirolimus** 

Measured Log P >4.63

Mobility in Soil: No data available

### **Data for the Drug Product**

### **Aquatic Toxicity**

Species	Method	End Point	Duration	Result (mg/l)
Oncorhynchus mykiss (Rainbow	OECD	LC50	96 Hours	>100 mg/L
Trout)				
Daphnia Magna (Water Flea)	ISO	EC50	48 Hours	>100 mg/L
Pseudokirchneriella subcapitata	ISO	IC50	72 Hours	33.6 mg/L
(Green Alga)				_

Aquatic Toxicity Comments: A greater than symbol (>) indicates that aquatic toxicity was not observed at the maximum

dose tested.

# 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.

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# 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

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CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	215-277-5

### Calcium sulfate

CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	231-900-3

#### Carnauba wax

CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	232-399-4

## **DL-Alpha tocopherol**

CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	233-466-0

## ETHYLENE OXIDE/PROPYLENE OXIDE COPOLYMER

CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	Not Listed

# Ferric oxide red

CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	215-168-2

## Ferric oxide yellow

CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed

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15. REGULATORY INFORMATION	
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	257-098-5
Chronyl managlasta	
Glyceryl monooleate CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	247-038-6
EO ENACO/LENACO LIST	247-030-0
Magnesium stearate	
CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	209-150-3
Microsystallino colluloso	
Microcrystalline cellulose CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	232-674-9
EO ENACO/LENACO LIST	202-014-3
Pharmaceutical glaze	
CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
EU EINECS/ELINCS List	Not Listed
Polyothylana alyool	
Polyethylene glycol CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
Standard for the Uniform Scheduling	Schedule 2
for Drugs and Poisons:	Schedule 3
EU EINECS/ELINCS List	Not Listed
Povidone	Market I
CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	Not Listed
Sirolimus	
CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
Standard for the Uniform Scheduling	Schedule 4
for Drugs and Poisons:	

Not Listed

**EU EINECS/ELINCS List** 

Material Name: Sirolimus Tablets

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## 15. REGULATORY INFORMATION

#### **Sucrose**

CERCLA/SARA 313 Emission reporting

California Proposition 65

Inventory - United States TSCA - Sect. 8(b)

Australia (AICS):

REACH - Annex IV - Exemptions from the

Not Listed
Present
Present

obligations of Register:

EU EINECS/ELINCS List 200-334-9

Lactose NF, monohydrate

CERCLA/SARA 313 Emission reporting

California Proposition 65

Australia (AICS):

Present

EU EINECS/ELINCS List

Not Listed

Not Listed

Talc (non-asbestiform)

CERCLA/SARA 313 Emission reporting

California Proposition 65

Inventory - United States TSCA - Sect. 8(b)

Australia (AICS):

Present

EU EINECS/ELINCS List

Not Listed

Not Eisted

Not

Titanium dioxide

CERCLA/SARA 313 Emission reporting Not Listed

California Proposition 65 carcinogen 9/2/2011 airborne, unbound particles of respirable size

Inventory - United States TSCA - Sect. 8(b)

Australia (AICS):

EU EINECS/ELINCS List

Present
236-675-5

## 16. OTHER INFORMATION

### Text of CLP/GHS Classification abbreviations mentioned in Section 3

Reproductive toxicity-Cat.1B; H360FD - May damage fertility. May damage the unborn child. Hazardous to the aquatic environment, acute toxicity-Cat.1; H400 - Very toxic to aquatic life

Hazardous to the aquatic environment, chronic toxicity-Cat.1; H410 - Very toxic to aquatic life with long lasting effects

**Data Sources:** Pfizer proprietary drug development information. Publicly available toxicity information.

Reasons for Revision: Updated Section 2 - Hazard Identification. Updated Section 8 - Exposure Controls / Personal

Protection.

Revision date: 21-Mar-2018

Product Stewardship Hazard Communication

Prepared by: Pfizer Global Environment, Health, and Safety Operations

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**End of Safety Data Sheet**