

Revision date: 01-Mar-2015 Version: 3.0 Page 1 of 11

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

**Product Identifier** 

Material Name: Azithromycin Extended Release for Oral Suspension

**Trade Name:** Zmax; Zithromax; Zetamax; Zitromax; Zetamac; Azitrocin; Zitraval Azithromycin Sustained Release Oral Powder for Suspension

Chemical Family: Azalide

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

Intended Use: Pharmaceutical product used as Antibiotic agent

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

Pfizer Inc
Pfizer Inc
Pfizer Pharmaceuticals Group
235 East 42nd Street
New York, New York 10017
1-800-879-3477
Pfizer Ltd
Ramsgate Road
Sandwich, Kent
CT13 9NJ
United Kingdom

00-879-3477 United Kingdom +00 44 (0)1304 616161

Emergency telephone number: Emergency telephone number:

CHEMTREC (24 hours): 1-800-424-9300 International CHEMTREC (24 hours): +1-703-527-3887

Contact E-Mail: pfizer-MSDS@pfizer.com

## 2. HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS - Classification Not classified as hazardous

**EU Classification:** 

EU Indication of danger: Not classified

**Label Elements** 

Hazard Statements: May form combustible dust concentrations in air

Other Hazards No data available

**Australian Hazard Classification** 

(NOHSC):

Non-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.

Additional Information: For a more detailed discussion of potential health hazards and toxicity see Section 11.

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Material Name: Azithromycin Extended Release for Oral Page 2 of 11

Suspension

Revision date: 01-Mar-2015 Version: 3.0

# 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### **Hazardous**

| Ingredient                | CAS Number  | EU            | EU Classification | GHS            | %    |
|---------------------------|-------------|---------------|-------------------|----------------|------|
|                           |             | EINECS/ELINCS |                   | Classification |      |
|                           |             | List          |                   |                |      |
| Azithromycin dihydrate    | 117772-70-0 | Not Listed    | Not Listed        | Not Listed     | 8.33 |
| Sucrose                   | 57-50-1     | 200-334-9     | Not Listed        | Not Listed     | *    |
| Colloidal silicon dioxide | 7631-86-9   | 231-545-4     | Not Listed        | Not Listed     | *    |
| Titanium dioxide          | 13463-67-7  | 236-675-5     | Not Listed        | Not Listed     | *    |

| Ingredient                           | CAS Number | EU            | EU Classification | GHS            | % |
|--------------------------------------|------------|---------------|-------------------|----------------|---|
|                                      |            | EINECS/ELINCS |                   | Classification |   |
|                                      |            | List          |                   |                |   |
| Spray dried artificial banana flavor | MIXTURE    | Not Listed    | Not Listed        | Not Listed     | * |
| Spray dried artificial cherry flavor | MIXTURE    | Not Listed    | Not Listed        | Not Listed     | * |
| Sodium phosphate tribasic, anhydrous | 7601-54-9  | 231-509-8     | Not Listed        | Not Listed     | * |
| Glyceryl behenate                    | 18641-57-1 | 242-471-7     | Not Listed        | Not Listed     | * |
| Magnesium hydroxide                  | 1309-42-8  | 215-170-3     | Not Listed        | Not Listed     | * |
| Poloxamer 407                        | 9003-11-6  | Not Listed    | Not Listed        | Not Listed     | * |
| Xanthan gum                          | 11138-66-2 | 234-394-2     | Not Listed        | Not Listed     | * |
| Hydroxypropyl cellulose              | 9004-64-2  | Not Listed    | Not Listed        | Not Listed     | * |
| Water                                | 7732-18-5  | 231-791-2     | 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.

## 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.

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

medical attention.

Ingestion: Get medical attention. Do not induce vomiting unless directed by medical personnel. Never

give anything by mouth to an unconscious person.

**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

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

Medical Conditions None known

Aggravated by Exposure:

Indication of the Immediate Medical Attention and Special Treatment Needed

Notes to Physician: None

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Material Name: Azithromycin Extended Release for Oral Page 3 of 11

Suspension

Revision date: 01-Mar-2015 Version: 3.0

# 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** 

Emits toxic fumes of carbon monoxide, carbon dioxide, and nitrogen oxides.

**Products:** 

**Fine Particles (such as dust and mists) may fuel fires/explosions.** 

**Advice for Fire-Fighters** 

During all fire fighting 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 /

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.

**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

### **Precautions for Safe Handling**

Minimize dust generation and accumulation. Avoid breathing dust. Avoid contact with eyes, skin and clothing. When handling, use appropriate personal protective equipment (see Section 8). Wash thoroughly after handling. 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.

Azithromycin dihydrate

Pfizer OEL TWA-8 Hr: 500µg/m<sup>3</sup>

Sucrose

ACGIH Threshold Limit Value (TWA) 10 mg/m³
Australia TWA 10 mg/m³
Belgium OEL - TWA 10 mg/m³
Bulgaria OEL - TWA 10.0 mg/m³

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Material Name: Azithromycin Extended Release for Oral Page 4 of 11

Suspension

Revision date: 01-Mar-2015 Version: 3.0

# 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| 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> |
| Latvia OEL - TWA          | 5 mg/m³              |
| Lithuania OEL - TWA       | 10 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/m³              |
| Spain OEL - TWA           | 10 mg/m <sup>3</sup> |

## Colloidal silicon dioxide

| Australia TWA<br>Austria OEL - MAKs      | 2 mg/m <sup>3</sup><br>4 mg/m <sup>3</sup>                              |
|--|---|
| Czech Republic OEL - TWA                 | 0.3 mg/m <sup>3</sup><br>0.1 mg/m <sup>3</sup><br>4.0 mg/m <sup>3</sup> |
| Estonia OEL - TWA                        | 2 mg/m <sup>3</sup>   |
| Finland OEL - TWA                        | 5 mg/m <sup>3</sup>   |
| Germany - TRGS 900 - TWAs                | 4 mg/m <sup>3</sup>   |
| Germany (DFG) - MAK                      | 4 mg/m <sup>3</sup>   |
| Ireland OEL - TWAs                       | 6 mg/m <sup>3</sup>   |
|  | 2.4 mg/m <sup>3</sup>   |
| Latvia OEL - TWA                         | 1 mg/m³   |
| OSHA - Final PELs - Table Z-3 Mineral D: | 20 mppcf  |
|  | Listed  |
| Slovakia OEL - TWA                       | 4.0 mg/m <sup>3</sup>   |
| Switzerland OEL -TWAs                    | 4 mg/m <sup>3</sup>   |
|  |   |

# Titanium dioxide

| um aloxiae                              |                        |
|---|------------------------|
| ACGIH Threshold Limit Value (TWA)       | 10 mg/m <sup>3</sup>   |
| ACGIH OELs - Notice of Intended Changes | Listed                 |
| 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> |
| Denmark OEL - TWA                       | 6 mg/m <sup>3</sup>    |
| Estonia OEL - TWA                       | 5 mg/m <sup>3</sup>    |
| France OEL - TWA                        | 10 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>    |
| 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> |
| Portugal OEL - TWA                      | 10 mg/m <sup>3</sup>   |
| Romania OEL - TWA                       | 10 mg/m <sup>3</sup>   |
| Russia OEL - TWA                        | 10 mg/m <sup>3</sup>   |
| Spain OEL - TWA                         | 10 mg/m <sup>3</sup>   |

0.3 mg/m<sup>3</sup>

Material Name: Azithromycin Extended Release for Oral Page 5 of 11

Suspension

Revision date: 01-Mar-2015 Version: 3.0

# 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

 Sweden OEL - TWAs
 5 mg/m³

 Switzerland OEL - TWAs
 3 mg/m³

 Vietnam OEL - TWAs
 6 mg/m³

 5 mg/m³
 5 mg/m³

Analytical Method: Analytical method available for Azithromycin. Contact Pfizer Inc for further information.

**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 Refer to applicable national standards and regulations in the selection and use of personal

**Equipment:** 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

Physical State:PowderColor:White to off-whiteOdor:No data available.Odor Threshold:No data available.

Molecular Formula: Mixture Molecular Weight: Mixture

Solvent Solubility:No data availableWater Solubility:No data availableSolubility:Soluble: Water

**pH:** 9.5 - 12.0 (reconstituted) (60 ml)

Melting/Freezing Point (°C):

Boiling Point (°C):

No data available.

No data available.

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

Water

No data available

Sucrose

No data available

Glyceryl behenate

No data available

Magnesium hydroxide

Spray dried artificial banana flavor

Spray dried artificial cherry flavor

No data available **Spray dried artifi** No data available

No data available

Colloidal silicon dioxide

No data available Titanium dioxide

No data available

Xanthan gum

Material Name: Azithromycin Extended Release for Oral Page 6 of 11

Suspension

Revision date: 01-Mar-2015 Version: 3.0

# 9. PHYSICAL AND CHEMICAL PROPERTIES

No data available

Hydroxypropyl cellulose

No data available **Poloxamer 407**No data available

Sodium phosphate tribasic, anhydrous

No data available

Azithromycin dihydrate

Measured 7 Log P 0.67

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

Evaporation Rate (Gram/s):

Vapor Pressure (kPa):

Vapor Density (g/ml):

Relative Density:

No data available

Flammablity:

Autoignition Temperature (Solid) (°C):

Flammability (Solids):

Flash Point (Liquid) (°C):

Upper Explosive Limits (Liquid) (% by Vol.):

Lower Explosive Limits (Liquid) (% by Vol.):

Polymerization:

No data available
No data available
Will not occur

# 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

**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.

**Short Term:** May cause eye irritation (based on components) .

Known Clinical Effects: May cause effects similar to those seen in clinical use including transient diarrhea, nausea and

abdominal pain. Serious allergic reactions, including anaphylaxis, have been reported.

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

Sucrose

Rat Oral LD50 29.7 g/kg

Glyceryl behenate

Material Name: Azithromycin Extended Release for Oral Page 7 of 11

Suspension

Revision date: 01-Mar-2015 Version: 3.0

# 11. TOXICOLOGICAL INFORMATION

Rat Oral LD50 5 g/kg

## Magnesium hydroxide

Rat Oral LD50 8500 mg/kg

Rat Sub-tenon injection (eye) LD50 2780mg/kg

#### Titanium dioxide

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

#### Xanthan gum

Rat Oral LD50 > 5000 mg/kg

### Azithromycin dihydrate

Mouse (F) Oral LD50 4000 mg/kg Mouse (M) Oral LD50 3000mg/kg Rat Oral LD50 > 2000mg/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)

## Magnesium hydroxide

Eye Irritation Rabbit Moderate

## Azithromycin dihydrate

Antigenicity- Active anaphylaxis Guinea Pig Negative

Antigenicity- Passive cutaneous anaphylaxis Rabbit Negative Antigenicity- Passive cutaneous anaphylaxis Mouse Negative

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

#### Azithromycin dihydrate

6 Month(s) Rat Oral 10 mg/kg/day LOEL Liver 6 Month(s) Dog Oral 10 mg/kg/day LOEL Liver Intravenous 5 mg/kg/day 1 Month(s) Rat NOEL Liver 1 Month(s) Doa Intravenous 5 mg/kg/day NOEL Liver

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

# Azithromycin dihydrate

Reproductive & Fertility Rat Oral 10 mg/kg/day NOEL Fertility

Prenatal & Postnatal Development Mouse Oral 40 mg/kg/day NOEL Not Teratogenic Prenatal & Postnatal Development Rat Oral 40 mg/kg/day NOEL Not Teratogenic

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

#### **Sucrose**

Bacterial Mutagenicity (Ames) Salmonella Negative

## Azithromycin dihydrate

coc

696

Material Name: Azithromycin Extended Release for Oral Page 8 of 11

Suspension

Revision date: 01-Mar-2015 Version: 3.0

# 11. TOXICOLOGICAL INFORMATION

Bacterial Mutagenicity (Ames) Salmonella Negative In Vivo Cytogenetics Mouse Lymphoma Negative

In Vitro Cytogenetics Mouse Negative

In Vitro Cytogenetics **Human Lymphocytes** Negative

**Carcinogen Status:** See below

Colloidal silicon dioxide

IARC: Group 3 (Not Classifiable)

Titanium dioxide

IARC: Group 2B (Possibly Carcinogenic to Humans)

## 12. ECOLOGICAL INFORMATION

In the environment, the active ingredient in this formulation is expected to mainly reside in the **Environmental Overview:** 

aquatic environment and slowly degrade.

**Toxicity:** 

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

Azithromycin dihydrate

Daphnia magna (Water Flea) OECD EC50 48 Hours 120 mg/L

Hyallela azteca (Freshwater Amphipod) > 120 mg/L OECD LC50 96 Hours Oncorhynchus mykiss (Rainbow Trout) OECD 96 Hours > 84 ma/L LC50

Green Algae OECD EC50 72 Hours 0.0037 mg/L

Microcystis aeruginosa (Blue-green Alga) OECD ErC50 96 Hours 0.0018 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)

Azithromycin dihydrate

Aspergillus niger (Fungus) OECD MIC > 1000 mg/L Trichoderma viride (Fungus) OECD MIC > 1000 mg/L Clostridium perfingens (Bacterium) OECD MIC 2.0 mg/L

Bacillus subtilis (Bacterium) OECD MIC2.0 mg/L

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

Azithromycin dihydrate

Eisenia foetida (Earthworm) TAD NOEC 28 Days 1000 mg/kg

Azithromycin dihydrate

Pimephales promelas (Fathead Minnow) OECD 32 Day(s) NOEC 4.6 mg/L Survival Ceriodaphnia dubia (Daphnids) OPPTS 7 Day(s) NOEC 0.0044 mg/L Reproduction

Persistence and Degradability: No data available

**Bio-accumulative Potential:** 

Material Name: Azithromycin Extended Release for Oral Page 9 of 11

Suspension

Revision date: 01-Mar-2015 Version: 3.0

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

**Azithromycin dihydrate**Measured 7 Log P 0.67

Mobility in Soil: No data available

# 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

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

Canada - WHMIS: Classifications

WHMIS hazard class:

None required

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

Azithromycin dihydrate

CERCLA/SARA 313 Emission reporting

California Proposition 65

EU EINECS/ELINCS List

Not Listed

Not Listed

Spray dried artificial banana flavor

CERCLA/SARA 313 Emission reporting

California Proposition 65

EU EINECS/ELINCS List

Not Listed

Not Listed

Material Name: Azithromycin Extended Release for Oral Page 10 of 11

Suspension

Revision date: 01-Mar-2015 Version: 3.0

# 15. REGULATORY INFORMATION

| Snrav | dripd | artificial | charry | flavor |
|-------|-------|------------|--------|--------|
| SDIAV | uneu  | ai uiiciai | CHELLA | Havui  |

CERCLA/SARA 313 Emission reporting

California Proposition 65

EU EINECS/ELINCS List

Not Listed

Not Listed

#### Sodium phosphate tribasic, anhydrous

CERCLA/SARA 313 Emission reporting

CERCLA/SARA Hazardous Substances

and their Reportable Quantities:

California Proposition 65

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

Australia (AICS):

Present

EU EINECS/ELINCS List

Not Listed

Present

2270 kg

Not Listed

Present

2270 kg

Not Listed

231-509-8

#### Glyceryl behenate

CERCLA/SARA 313 Emission reporting

California Proposition 65

Australia (AICS):

Present

EU EINECS/ELINCS List

242-471-7

## Magnesium hydroxide

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

#### Poloxamer 407

CERCLA/SARA 313 Emission reporting

California Proposition 65

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

Australia (AICS):

Present

EU EINECS/ELINCS List

Not Listed

### Xanthan gum

CERCLA/SARA 313 Emission reporting

California Proposition 65

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

Australia (AICS):

EU EINECS/ELINCS List

Not Listed

Present

Present

234-394-2

# Sucrose

CERCLA/SARA 313 Emission reporting

California Proposition 65

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

Australia (AICS):

REACH - Annex IV - Exemptions from the obligations of Register:

EU EINECS/ELINCS List

Not Listed

Not Listed

Not Listed

Present

Present

200-334-9

# Colloidal silicon dioxide

Material Name: Azithromycin Extended Release for Oral Page 11 of 11

Suspension

Revision date: 01-Mar-2015 Version: 3.0

15. REGULATORY INFORMATION

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 Listed

Not Listed

Not Listed

Not Listed

Not Listed

Not Eisted

Not

Hydroxypropyl cellulose

CERCLA/SARA 313 Emission reporting

California Proposition 65

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

Australia (AICS):

Present

EU EINECS/ELINCS List

Not Listed

Titanium dioxide

CERCLA/SARA 313 Emission reporting Not Listed

California Proposition 65 carcinogen initial date 9/2/11 airborne, unbound particles of

respirable size

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

Australia (AICS):

EU EINECS/ELINCS List

Present
236-675-5

Water

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 231-791-2

## 16. OTHER INFORMATION

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

**Reasons for Revision:** Updated Section 7 - Handling and Storage. Updated Section 11 - Toxicology Information.

Updated Section 2 - Hazard Identification. Updated Section 3 - Composition / Information on Ingredients. Updated Section 12 - Ecological Information. Updated Section 1 - Identification of the Substance/Preparation and the Company/Undertaking. Updated Section 16 - Other

Information.

Revision date: 01-Mar-2015

Product Stewardship Hazard Communication

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

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**

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