# SAFETY DATA SHEET



# 1. Identification

| Product identifier                                       | Encephalomyelitis Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid   |
|--|--|
| Other means of identification                            |  |
| Synonyms   | EQUILOID INNOVATOR * Equiloid® Innovator * Equiloid Innovator®   |
| Recommended use  | Veterinary vaccine   |
| Recommended restrictions                                 | Not for human use  |
| Manufacturer/Importer/Supplier/                          |  |
| Company Name (US)  | Zoetis Inc.  |
|  | 10 Sylvan Way  |
|  | Parsippany, New Jersey 07054 (USA)   |
| Rocky Mountain Poison                                    | 1-866-531-8896   |
| and Drug Center<br>Product Support/Technical<br>Services | 1-800-366-5288   |
| Emergency telephone<br>numbers                           | CHEMTREC (24 hours): 1-800-424-9300  |
|  | International CHEMTREC (24 hours): +1-703-527-3887   |
| Company Name (EU)  | Zoetis Belgium S.A.  |
|  | Mercuriusstraat 20   |
|  | 1930 Zaventem  |
|  | Belgium  |
| Emergency telephone<br>number                            | International CHEMTREC (24 hours): +1-703-527-3887   |
| Contact E-Mail   | VMIPSrecords@zoetis.com  |
| 2. Hazard(s) identification                              |  |
| Physical hazards   | Not classified.  |
| Health hazards   | Not classified.  |
| Environmental hazards                                    | Not classified.  |
| OSHA defined hazards                                     | Not classified.  |
| Label elements   |  |
| Hazard symbol  | None.  |
| Signal word  | None.  |
| Hazard statement   | The mixture does not meet the criteria for classification.   |
| Precautionary statement                                  |  |
| Prevention   | Observe good industrial hygiene practices.   |
| Response   | Wash hands after handling.   |
| Storage  | Store away from incompatible materials.  |
| Disposal   | Dispose of waste and residues in accordance with local authority requirements.   |
| Hazard(s) not otherwise<br>classified (HNOC)             | None known.  |
| Supplemental information                                 | Direct contact with eyes may cause temporary irritation. In the event of accidental injection, an allergic reaction may occur. This product is an oil-adjuvanted suspension. Oil-adjuvant containing products may cause severe vasospasm following accidental injection. |

# 3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | %    |
|---------------|--------------------------|------------|------|
| Formaldehyde  |                          | 50-00-0    | <0.1 |
|               |                          |            |      |

Material name: Encephalomyelitis Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid 706 Version #: 01 Issue date: 04-06-2017

| Chemical name  | Common name and synonyms  | CAS number                        | %                       |
|--|---|-----------------------------------|-------------------------|
| Neomycin Free Base   |   | 1404-04-2                         | <0.1                    |
| Polymyxin B  |   | 1404-26-8                         | <0.1                    |
| Thimerosal   | 54-64-8 <0.1  |                                   |                         |
| EASTERN EQUINE<br>ENCEPHALOMYELITIS  |   | Not Assigned                      | *                       |
| Squalene   |   | 111-02-4                          | *                       |
| Tetanus toxoid   |   | 93384-51-1                        | *                       |
| WESTERN EQUINE<br>ENCEPHALOMYELITIS  |   | Not Assigned                      | *                       |
| Composition comments   | * Non-hazardous Ingredients<br>In accordance with 29 CFR 1910.1200, the ex<br>withheld as a trade secret.   | kact percentage composition of    | f this mixture has been |
| 4. First-aid measures  |   |                                   |                         |
| Inhalation   | Move to fresh air. Call a physician if symptom  | s develop or persist.             |                         |
| Skin contact   | In the case of skin contact, immediately wash<br>of accidental self injection or needle stick inju<br>water. Get medical attention immediately.   |                                   |                         |
| Eye contact  | Rinse thoroughly with plenty of water for at lead contact lenses, if present and easy to do.  | ast 15 minutes and consult a p    | hysician. Remove        |
| Ingestion  | Rinse mouth. Call a physician or poison contr<br>instruction of medical personnel. Never give a   |                                   |                         |
| Most important<br>symptoms/effects, acute and<br>delayed                     | Direct contact with eyes may cause temporary irritation. Exposure may cause temporary irritation, redness, or discomfort. In the event of accidental injection, an allergic reaction may occur. Signs and symptoms might include skin rash, itching, redness or swelling. Respiratory reactions may be characterized by rhinitis, sneezing, scratchy throat, oral mucosal edema, laryngeal mucosal edema, coughing, shortness of breath, wheezing, and chest pain. Asthma like reactions occur with acute exposures in sensitized patients. |                                   |                         |
| Indication of immediate<br>medical attention and special<br>treatment needed | Treat symptomatically. Where parenteral oil-adjuvanted vaccine exposure has occurred, the<br>patient should be promptly evaluated for the development of vasospasm and/or compartment<br>syndrome.  |                                   |                         |
| General information  | For personal protection, see section 8 of the SDS. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.   |                                   |                         |
| 5. Fire-fighting measures  |   |                                   |                         |
| Suitable extinguishing media   | Water fog. Foam. Dry chemical powder. Carb  | on dioxide (CO2).                 |                         |
| Unsuitable extinguishing media   | Do not use water jet as an extinguisher, as this will spread the fire.  |                                   |                         |
| Specific hazards arising from the chemical                                   | During fire, gases hazardous to health may be   | e formed.                         |                         |
| Special protective equipment<br>and precautions for firefighters             | Self-contained breathing apparatus and full p   | rotective clothing must be worn   | in case of fire.        |
| Fire fighting<br>equipment/instructions                                      | Use water spray to cool unopened containers   |                                   |                         |
| Specific methods   | Use standard firefighting procedures and con-   | sider the hazards of other invol  | ved materials.          |
| General fire hazards   | No unusual fire or explosion hazards noted.   |                                   |                         |
| 6. Accidental release meas   | sures   |                                   |                         |
| Personal precautions,<br>protective equipment and<br>emergency procedures    | Keep unnecessary personnel away. For perso  | onal protection, see section 8 c  | f the SDS.              |
| Methods and materials for<br>containment and cleaning up                     | Large Spills: Stop the flow of material, if this is<br>spreading. Absorb in vermiculite, dry sand or<br>recovery, flush area with water.  |                                   |                         |
|  | Small Spills: Wipe up with absorbent material remove residual contamination.  | (e.g. cloth, fleece). Clean surfa | ace thoroughly to       |
|  | Never return spills to original containers for re   | e-use. For waste disposal, see    | section 13 of the SDS.  |

Avoid discharge into drains, water courses or onto the ground.

# 7. Handling and storage

Precautions for safe handling

Avoid contact with eyes, skin, and clothing. Avoid breathing mist or vapor. Avoid accidental injection. Wash thoroughly after handling. When using, do not eat, drink or smoke. Wear personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store away from direct sunlight. @ 2 - 7°C (36 - 45°F). Do not freeze. Store in original tightly closed container. Keep away from heat, sparks and open flame. Store away from incompatible materials (see Section 10 of the SDS).

# 8. Exposure controls/personal protection

# Occupational exposure limits

| Zoetis<br>Components                                | Туре  | Value  |
|---|---|--|
| Neomycin Free Base (CAS<br>1404-04-2)               | TWA   | 100 µg/m3  |
| US. OSHA Specifically Reg                           | ulated Substances (29 CFR 19  | 10.1001-1050)  |
| Components  | Туре  | Value  |
| Formaldehyde (CAS<br>50-00-0)                       | STEL  | 2 ppm  |
|   | TWA   | 0.75 ppm   |
| US. OSHA Table Z-2 (29 CF                           | •   |  |
| Components  | Туре  | Value  |
| Thimerosal (CAS 54-64-8)                            | Ceiling   | 0.04 mg/m3   |
|   | TWA   | 0.01 mg/m3   |
| US. ACGIH Threshold Limit                           | t Values  |  |
| Components  | Туре  | Value  |
| Formaldehyde (CAS<br>50-00-0)                       | Ceiling   | 0.3 ppm  |
| Thimerosal (CAS 54-64-8)                            | STEL  | 0.03 mg/m3   |
|   | TWA   | 0.01 mg/m3   |
| US. NIOSH: Pocket Guide to                          | o Chemical Hazards  |  |
| Components  | Туре  | Value  |
| Formaldehyde (CAS<br>50-00-0)                       | Ceiling   | 0.1 ppm  |
|   | TWA   | 0.016 ppm  |
| Thimerosal (CAS 54-64-8)                            | STEL  | 0.03 mg/m3   |
|   | TWA   | 0.01 mg/m3   |
| logical limit values                                | No biological exposure limits   | noted for the ingredient(s).   |
| oosure guidelines                                   | OEL Additional Information: S   | Sensitizer ( Neomycin Free Base )  |
| US - California OELs: Skin                          | designation   |  |
| Thimerosal (CAS 54-64-<br>US - Tennessee OELs: Skir |   | Can be absorbed through the skin.  |
| Thimerosal (CAS 54-64-<br>US ACGIH Threshold Limit  | ,   | Can be absorbed through the skin.  |
| Thimerosal (CAS 54-64-<br>US NIOSH Pocket Guide to  | 8)<br>Chemical Hazards: Skin desig  | Can be absorbed through the skin.<br>gnation   |
| Thimerosal (CAS 54-64-                              | 8)  | Can be absorbed through the skin.  |
| ntrol banding approach                              |   | Sensitizer (control exposure to the range of 100ug/m3 to < all precautions to protect from skin contact) |
| propriate engineering<br>htrols                     | Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Keep air contamination levels below the exposure limits or within the OEB range listed above in this section. General ventilation normally adequate. |  |

#### Individual protection measures, such as personal protective equipment

| Eye/face protection               | If contact is likely, safety glasses with side shields are recommended.  |
|-----------------------------------|--|
| Skin protection                   |  |
| Hand protection                   | Wear impervious gloves if skin contact is possible.  |
| Other                             | Wear suitable protective clothing. Use protective clothing (uniforms, lab coats, disposable coveralls, etc.) in both production and laboratory areas.  |
| Respiratory protection            | No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. If airborne exposures are within or exceed the Occupational Exposure Band (OEB) range, wear an appropriate respirator with a protection factor sufficient to control exposures to the bottom of the OEB range. |
| Thermal hazards                   | Not applicable.  |
| General hygiene<br>considerations | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.  |

# 9. Physical and chemical properties

| Appearance                                 | Suspension      |
|--|-----------------|
| Physical state                             | Liquid.         |
| Form                                       | Liquid.         |
| Color                                      | Pink.           |
| Odor                                       | Not available.  |
| Odor threshold                             | Not available.  |
| рН   | Not available.  |
| Melting point/freezing point               | Not available.  |
| Initial boiling point and boiling range    | 212 °F (100 °C) |
| Flash point                                | Non-flammable   |
| Evaporation rate                           | Not available.  |
| Flammability (solid, gas)                  | Not applicable. |
| Upper/lower flammability or expl           | osive limits    |
| Flammability limit - lower<br>(%)          | Not available.  |
| Flammability limit - upper<br>(%)          | Not available.  |
| Explosive limit - lower (%)                | Not available.  |
| Explosive limit - upper (%)                | Not available.  |
| Vapor pressure                             | Not available.  |
| Vapor density                              | Not available.  |
| Relative density                           | Not available.  |
| Solubility(ies)                            |                 |
| Solubility (water)                         | Not available.  |
| Partition coefficient<br>(n-octanol/water) | Not available.  |
| Auto-ignition temperature                  | Not available.  |
| Decomposition temperature                  | Not available.  |
| Viscosity                                  | Not available.  |
| Other information                          |                 |
| Explosive properties                       | Not explosive.  |
| Oxidizing properties                       | Not oxidizing.  |
|  |                 |

# 10. Stability and reactivity

#### Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

Material name: Encephalomyelitis Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid

| Chemical stability                    | Material is stable under normal conditions.  |
|---------------------------------------|--|
| Possibility of hazardous<br>reactions | No dangerous reaction known under conditions of normal use.  |
| Conditions to avoid                   | Contact with incompatible materials. Sunlight. High temperatures. Store at 2-7°C. Prolonged exposure to higher temperatures may adversely affect potency. Do not freeze. |
| Incompatible materials                | Strong oxidizing agents. This material can be denatured or inactivated by a variety of organic solvents, salts or heavy metals.  |
| Hazardous decomposition<br>products   | No hazardous decomposition products are known.   |

# 11. Toxicological information

# Information on likely routes of exposure

| Inhalation   | No adverse effects due to inhalation are expected.  |  |
|--|---|--|
| <b>Skin contact</b><br>Formaldehyde  | Prolonged skin contact may cause temporary irritation.<br>Species: Rabbit<br>Severity: Moderate to Severe   |  |
| <b>Eye contact</b><br>Thimerosal   | Direct contact with eyes may cause temporary irritation.<br>Species: Rabbit<br>Severity: Mild   |  |
| Formaldehyde   | Species: Rabbit<br>Severity: Severe   |  |
| Ingestion  | Expected to be a low ingestion hazard.  |  |
| Symptoms related to the physical, chemical and toxicological characteristics | Direct contact with eyes may cause temporary irritation. Exposure may cause temporary irritation, redness, or discomfort. In the event of accidental injection, an allergic reaction may occur. Signs and symptoms might include skin rash, itching, redness or swelling. Respiratory reactions may be characterized by rhinitis, sneezing, scratchy throat, oral mucosal edema, laryngeal mucosal edema, coughing, shortness of breath, wheezing, and chest pain. Asthma like reactions occur with acute exposures in sensitized patients. |  |

#### Information on toxicological effects

Acute toxicity

Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

| Components               | Species    | Test Results                       |
|--------------------------|------------|------------------------------------|
| Formaldehyde (CAS 50-00- | 0)         |                                    |
| Acute                    |            |                                    |
| Dermal                   |            |                                    |
| LD50                     | Rabbit     | 270 mg/kg                          |
| Inhalation               |            |                                    |
| LC50                     | Mouse      | 0.414 mg/L, 4 hours                |
|                          | Rat        | 0.48 mg/L, 4 hours                 |
| Oral                     |            |                                    |
| LD50                     | Rat        | 100 mg/kg                          |
| <u>Chronic</u>           |            |                                    |
| Inhalation               |            |                                    |
| LOAEL                    | Mouse      | 15 ppm, 2 years Tumors             |
|                          | Rat        | 15 ppm, 90 days Respiratory system |
|                          |            | 6 ppm, 2 years Tumors              |
| Neomycin Free Base (CAS  | 1404-04-2) |                                    |
| Acute                    |            |                                    |
| Oral                     |            |                                    |
| LD50                     | Rat        | 2750 mg/kg                         |
|                          |            |                                    |

| Components                           | Species  | Test Results  |
|--------------------------------------|--|---|
| Polymyxin B (CAS 1404-26-8)          |  |   |
| Acute                                |  |   |
| Oral                                 |  |   |
| LD50                                 | Mouse  | 790 mg/kg   |
| Other                                |  |   |
| LD50                                 | Mouse  | 3980 ug/kg  |
| Subcutaneous                         |  |   |
| LD50                                 | Rat  | 50 mg/kg  |
| Thimerosal (CAS 54-64-8)             |  |   |
| <u>Acute</u>                         |  |   |
| Oral                                 |  |   |
| LD50                                 | Mouse  | 91 mg/kg  |
| 2000                                 | Rat  | 75 mg/kg  |
| <b>.</b>                             | Παι  | 75 mg/kg  |
| Subcutaneous                         | <b>D</b> .   |   |
| LD50                                 | Rat  | 98 mg/kg  |
| Skin corrosion/irritation            | Prolonged skin contact may   | cause temporary irritation.   |
| Serious eye damage/eye<br>irritation | Direct contact with eyes ma  | y cause temporary irritation.   |
| Eye Contact                          |  |   |
| Thimerosal                           |  | Species: Rabbit   |
|                                      |  | Severity: Mild  |
| Formaldehyde                         |  | Species: Rabbit<br>Severity: Severe   |
|                                      |  |   |
| Respiratory or skin sensitizatio     | n  |   |
| ACGIH sensitization                  |  |   |
| FORMALDEHYDE (CAS                    | \$ 50-00-0)  | Dermal sensitization<br>Respiratory sensitization                               |
| Respiratory sensitization            | Not a respiratory sensitizer.  |   |
| Skin sensitization                   | This product contains formaldehyde and merthiolate which are considered to be skin sensitizers.<br>This product is not expected to cause skin sensitization. |   |
| Skin sensitization                   |  |   |
| Formaldehyde                         |  | Species: Guinea Pig<br>Severity: Positive                                       |
| Germ cell mutagenicity               | No data available to indicate mutagenic or genotoxic.  | e product or any components present at greater than 0.1% are                    |
| Mutagenicity                         |  |   |
| Formaldehyde                         |  | In Vitro Bacterial Mutagenicity (Ames)<br>Result: Positive<br>Species: Bacteria |
|                                      |  | In Vitro Chromosome Aberration<br>Result: Positive<br>Species: Rodent           |
|                                      |  | In Vitro Sister Chromatid Exchange<br>Result: Positive<br>Species: Rodent       |
| Polymyxin B                          |  | In Vitro<br>Result: Negative  |
| Formaldehyde                         |  | In Vivo Chromosome Aberration<br>Result: Positive<br>Species: Not specified     |

| Mutagenicity<br>Polymyxin B                           |  | In Vivo<br>Result: Negative   |
|---|--|---|
| Carcinogenicity                                       | This product is not considered carcinogens are present at gr | d to be a carcinogen by IARC, ACGIH, NTP, or OSHA. No known<br>eater than 0.1%.   |
| IARC Monographs. Overall                              | Evaluation of Carcinogenicity                                |   |
| Formaldehyde (CAS 50-0<br>OSHA Specifically Regulate  | 00-0)<br>d Substances (29 CFR 1910.1)                        | 1 Carcinogenic to humans.<br>001-1050)  |
| Formaldehyde (CAS 50-0                                | 00-0)  | Cancer  |
| US. National Toxicology Pro                           | ogram (NTP) Report on Carcin                                 | ogens   |
| Formaldehyde (CAS 50-0                                | 00-0)  | Known To Be Human Carcinogen.   |
| Reproductive toxicity                                 | This product is not expected t                               | o cause reproductive or developmental effects.  |
| Developmental effects<br>Formaldehyde                 |  | <ul> <li>185 mg/kg/day Embryo / Fetal Development, Not teratogenic<br/>Maternal toxicity<br/>Species: Mouse<br/>Organ: Oral</li> <li>40 ppm Embryo / Fetal Development, Not Teratogenic<br/>Maternal Toxicity<br/>Species: Rat<br/>Organ: Inhalation</li> </ul> |
| Specific target organ toxicity -<br>single exposure   | Not classified.  |   |
| Specific target organ toxicity -<br>repeated exposure | Not classified.  |   |
| Aspiration hazard                                     | Not an aspiration hazard.                                    |   |
| Further information                                   | been prepared from killed or i                               | e. The antigens included in this product are non-infectious. All have nactivated preparations of microorganisms. This product is an<br>il-adjuvant containing products may cause severe vasospasm   |
| 12. Ecological information                            | 1  |   |

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. Avoid release to the environment.

| Components                  |   | Species                             | Test Results                   |
|-----------------------------|---|-------------------------------------|--------------------------------|
| Formaldehyde (CAS 50-00-0   | 0)  |                                     |                                |
|                             | EC50  | Daphnia magna (Water Flea)          | 42 mg/L, 24 Hours              |
|                             | LC50  | Oncorhynchus mykiss (Rainbow Trout) | 118 ppm, 96 Hours              |
| Aquatic                     |   |                                     |                                |
| Crustacea                   | EC50  | Water flea (Daphnia pulex)          | 4.3 - 7.8 mg/l, 48 hours       |
| Fish                        | LC50  | Striped bass (Morone saxatilis)     | 10.302 - 16.743 mg/l, 96 hours |
| rsistence and degradability | No data is available on the degradability of this product.  |                                     |                                |
| paccumulative potential     | No data available.  |                                     |                                |
| obility in soil             | No data available.  |                                     |                                |
| her adverse effects         | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |                                     |                                |

# 13. Disposal considerations

| Disposal instructions                 | Avoid release to the environment. Do not discharge into drains, water courses or onto the ground. Do not contaminate ponds, waterways or ditches with chemical or used container. 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. This product contains trace quantities of mercury and may qualify as a RCRA Hazardous Waste. Status should be confirmed using the EPA Toxicity Characteristic Leaching Procedure (TCLP). Dispose of contents/container in accordance with local/regional/national/international regulations. |  |
|---------------------------------------|---|--|
| Local disposal regulations            | Dispose in accordance with all applicable regulations.  |  |
| Hazardous waste code                  | None known. This product contains trace quantities of mercury, releases to the environment should be avoided.   |  |
| Waste from residues / unused products | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).  |  |
| Contaminated packaging                | Since emptied containers may retain product residue, follow label warnings even after container is emptied.   |  |

### 14. Transport information

#### DOT

Not regulated as dangerous goods.

### ΙΑΤΑ

Not regulated as dangerous goods.

# IMDG

Not regulated as dangerous goods.

#### Transport in bulk according to Not established. Annex II of MARPOL 73/78 and the IBC Code

# 15. Regulatory information

| 6 federal regulations                       |  | This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard<br>Communication Standard, 29 CFR 1910.1200. |  |  |   |
|---|--|---|--|--|---|
| TSCA Section 12(b) Exp                      | ort Notification   | (40 CFR 707, St   | ubpt. D)   |  |   |
| Not regulated.<br>CERCLA Hazardous Su       | bstance List (40   | CFR 302.4)  |  |  |   |
| Formaldehyde (CAS<br>SARA 304 Emergency r   | on   | Listed.   |  |  |   |
| Formaldehyde (CAS<br>OSHA Specifically Regu | ,  | es (29 CFR 1910   | 100 LBS<br><b>.1001-1050)</b>  |  |   |
| Formaldehyde (CAS                           | 50-00-0)   |   | Cancer<br>Skin sensitization<br>Respiratory sensit<br>Eye irritation<br>Skin irritation<br>respiratory tract irr<br>Acute toxicity<br>Flammability |  |   |
| perfund Amendments an                       | d Reauthorizatio   | n Act of 1986 (S  | SARA)  |  |   |
| Hazard categories                           | Immediate Hazard - No<br>Delayed Hazard - No<br>Fire Hazard - No<br>Pressure Hazard - No<br>Reactivity Hazard - No |   | ,  |  |   |
| SARA 302 Extremely ha                       | izardous substar   | nce   |  |  |   |
| Chemical name                               | CAS number   | Reportable<br>quantity<br>(pounds)  | Threshold<br>planning quantity<br>(pounds)   | Threshold<br>planning quantity,<br>lower value<br>(pounds) | Threshold<br>planning quantity<br>upper value<br>(pounds) |
|   | 50-00-0  | 100   | 500  |  |   |

#### SARA 311/312 Hazardous No chemical

#### SARA 313 (TRI reporting)

Not regulated.

#### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Formaldehyde (CAS 50-00-0)

Thimerosal (CAS 54-64-8)

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Formaldehyde (CAS 50-00-0)

#### Safe Drinking Water Act Not regulated.

(SDWA)

#### **US state regulations**

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

### US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Formaldehyde (CAS 50-00-0) Listed: January 1, 1988

- US California Proposition 65 CRT: Listed date/Developmental toxin
  - Thimerosal (CAS 54-64-8) Listed: July 1, 1990

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Formaldehyde (CAS 50-00-0)

#### International Inventories

| Country(s) or region        | Inventory name  | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                        | No                     |
| Canada                      | Domestic Substances List (DSL)  | No                     |
| Canada                      | Non-Domestic Substances List (NDSL)                                       | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)                | No                     |
| Europe                      | European Inventory of Existing Commercial Chemical<br>Substances (EINECS) | No                     |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                    | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)                  | No                     |
| Korea                       | Existing Chemicals List (ECL)   | No                     |
| New Zealand                 | New Zealand Inventory   | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)         | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                             | No                     |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

# 16. Other information, including date of preparation or last revision

| Issue date<br>Version # | 04-06-2017<br>01   |
|-------------------------|--|
| Disclaimer              | Zoetis Inc. believes that the information contained in this 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. The information in the sheet was written based on the best knowledge and experience currently available. |
| Revision information    | This document has undergone significant changes and should be reviewed in its entirety.  |