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

Product Identifier
- Material Name: Panolog Cream
- Trade Name: Panolog Cream
- Chemical Family: Mixture

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against
- Intended Use: Veterinary product used as Antifungal, antibacterial, anti-inflammatory and antipruritic
- Restrictions on Use: Not for human use

Details of the Supplier of the Safety Data Sheet

Zoetis Inc.
100 Campus Drive, P.O. Box 651
Florham Park, New Jersey 07932 (USA)
Rocky Mountain Poison and Drug Center Phone: 1-866-531-8896
Product Support/Technical Services Phone: 1-800-366-5288

Zoetis Belgium S.A.
Mercuriusstraat 20
1930 Zaventem
Belgium

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

2. HAZARDS IDENTIFICATION

Appearance: Yellow amber viscous cream

Classification of the Substance or Mixture
- GHS - Classification
  - Respiratory Sensitization: Category 1
  - Skin Sensitization: Category 1
  - Reproductive Toxicity: Category 1B
  - Carcinogenicity: Category 1B

- EU Classification:
  - EU Indication of danger: Carcinogenic: Category 2
  - EU Symbol: T
  - EU Risk Phrases: R45 - May cause cancer.

Label Elements
- Signal Word: Danger
- Hazard Statements:
  - H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
  - H317 - May cause an allergic skin reaction
  - H360 - May damage fertility or the unborn child
  - H350 - May cause cancer

ZT00264
Precautionary Statements:

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P285 - In case of inadequate ventilation wear respiratory protection
P272 - Contaminated work clothing should not be allowed out of the workplace
P308 + P313 - IF exposed or concerned: Get medical attention/advice
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P342 + P311 - IF experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician
P302+ P352 - IF ON SKIN: Wash with plenty of soap and water
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P405 - Store locked up
P501 - Dispose of contents/container in accordance with all local and national regulations

Other Hazards

Short Term:
Individuals sensitive to this chemical or other materials in its chemical class may develop allergic reactions. 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. May be absorbed through the skin and cause systemic effects. May cause eye and skin irritation.

Known Clinical Effects:
Drugs of this class may cause Cushing's syndrome, manifested by moon face, obesity, headache, acne, thirst, increased urination, impotence, menstrual irregularities, facial hair growth, and mental changes.

Australian Hazard Classification (NOHSC):

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

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>EU EINECS/ELINCS List</th>
<th>EU Classification</th>
<th>GHS Classification</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td>200-338-0</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Citric acid, anhydrous</td>
<td>77-92-9</td>
<td>201-069-1</td>
<td>Xi; R36</td>
<td>Eye Irrit. 2A (H319)</td>
<td>&lt;5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Irrit. 3 (H316)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 5 (H303)</td>
<td></td>
</tr>
<tr>
<td>White Petrolatum</td>
<td>8009-03-8</td>
<td>232-373-2</td>
<td>Carc. Cat. 2; R45</td>
<td>Carc. 1B (H350)</td>
<td>&lt;5</td>
</tr>
</tbody>
</table>
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>EU EINECS/ELINCS List</th>
<th>EU Classification</th>
<th>GHS Classification</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neomycin Sulfate</td>
<td>1405-10-3</td>
<td>215-773-1</td>
<td>Xn;R42/43</td>
<td>Resp. Sens. 1 (H334)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Repr. Cat.3;R63</td>
<td>Skin Sens.1 (H317)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Repro. 2 (H361d)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Aq. Acute 3 (H402)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Aq. Chronic 3 (H412)</td>
<td></td>
</tr>
<tr>
<td>Triamcinolone acetonide</td>
<td>76-25-5</td>
<td>200-948-7</td>
<td>Repr. Cat.2;R61</td>
<td>Repr. 1B (H360)</td>
<td></td>
</tr>
<tr>
<td>Nystatin</td>
<td>1400-61-9</td>
<td>215-749-0</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td></td>
</tr>
<tr>
<td>Thiostrepton</td>
<td>1393-48-2</td>
<td>215-734-9</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>236-675-5</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td></td>
</tr>
<tr>
<td>Sorbitol solution</td>
<td>50-70-4</td>
<td>200-061-5</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td></td>
</tr>
<tr>
<td>Simethicone emulsion</td>
<td>67762-90-7</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>*</td>
</tr>
<tr>
<td>Ethylenediamine hydrochloride</td>
<td>15467-15-9</td>
<td>239-482-4</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td></td>
</tr>
<tr>
<td>Ceteareth-20/Cetearyl alcohol</td>
<td>NOT ASSIGNED</td>
<td>Not Listed</td>
<td>Xn;R22</td>
<td>Not Listed</td>
<td>*</td>
</tr>
<tr>
<td>Propylparaben</td>
<td>94-13-3</td>
<td>202-307-7</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td></td>
</tr>
<tr>
<td>Methylparaben</td>
<td>99-76-3</td>
<td>202-785-7</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td></td>
</tr>
<tr>
<td>Sodium citrate</td>
<td>68-04-2</td>
<td>200-675-3</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>*</td>
</tr>
<tr>
<td>Purified water</td>
<td>7732-18-5</td>
<td>231-791-2</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td></td>
</tr>
</tbody>
</table>

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 R phrases and CLP/GHS abbreviations mentioned in this Section, see Section 16

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

Medical Conditions Aggravated by Exposure: None known

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 Products: Formation of toxic gases is possible during heating or fire.

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

Advice for Fire-Fighters
Wear approved positive pressure, self-contained breathing apparatus and full protective turn out gear. Dike and collect water used to fight fire.

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 the spill or leak. Use non-combustible absorbent material to wipe up spill and place in a sealed container for disposal. 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
When handling, use appropriate personal protective equipment (see Section 8). Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Wash thoroughly after handling. Releases to the environment should be avoided.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Store at room temperature in properly labeled containers. Keep away from heat, sparks and flames.

Storage Temperature: Store at or below 30°C (86°F).

Specific end use(s): No data available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Propylene glycol

<table>
<thead>
<tr>
<th>Country</th>
<th>Australia TWA</th>
<th>Ireland OEL - TWAs</th>
<th>Latvia OEL - TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>150 ppm</td>
<td>150 ppm</td>
<td>7 mg/m³</td>
</tr>
<tr>
<td></td>
<td>474 mg/m³</td>
<td>470 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 mg/m³</td>
<td>10 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

Material Name: Panolog Cream
Revision date: 28-May-2015

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Version: 2.0

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Lithuania OEL - TWA
7 mg/m³

Neomycin Sulfate
Zoetis OEL TWA 8-hr
100 µg/m³, Sensitizer

Triamcinolone acetonide
Zoetis OEL TWA 8-hr
4 µg/m³, Skin

Titanium dioxide
ACGIH Threshold Limit Value (TWA)
10 mg/m³
ACGIH OELs - Notice of Intended Changes
Listed
Australia TWA
10 mg/m³
Austria OEL - MAKs
5 mg/m³
Belgium OEL - TWA
10 mg/m³
Bulgaria OEL - TWA
10.0 mg/m³
Denmark OEL - TWA
6 mg/m³
Estonia OEL - TWA
5 mg/m³
France OEL - TWA
10 mg/m³
Greece OEL - TWA
10 mg/m³
5 mg/m³
Ireland OEL - TWAs
10 mg/m³
4 mg/m³
Latvia OEL - TWA
10 mg/m³
Lithuania OEL - TWA
5 mg/m³
Vietnam OEL - TWAs
6 mg/m³
5 mg/m³
OSHA - Final PELS - TWAs:
15 mg/m³
Poland OEL - TWA
10.0 mg/m³
Portugal OEL - TWA
10 mg/m³
Romania OEL - TWA
10 mg/m³
Spain OEL - TWA
10 mg/m³
Sweden OEL - TWAs
5 mg/m³
Switzerland OEL - TWAs
3 mg/m³

The purpose of the Occupational Exposure Band (OEB) classification system is to separate substances into different Hazard categories when the available data are sufficient to do so, but inadequate to establish an Occupational Exposure Limit (OEL). The OEB given is based upon an analysis of all currently available data; as such, this value may be subject to revision when new information becomes available.

Nystatin
Zoetis OEB
OEB 3 (control exposure to the range of 10µg/m³ to < 100µg/m³)

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

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

Hands:
Wear impervious gloves if skin contact is possible.

Eyes:
Safety glasses or goggles
## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Skin:** Use protective clothing (uniforms, lab coats, disposable coveralls, etc.) in both production and laboratory areas.

**Respiratory protection:** 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. 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

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Cream</th>
<th>Color:</th>
<th>Yellow amber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor:</td>
<td>No data available</td>
<td>Odor Threshold:</td>
<td>No data available</td>
</tr>
<tr>
<td>Molecular Formula:</td>
<td>Mixture</td>
<td>Molecular Weight:</td>
<td>Mixture</td>
</tr>
<tr>
<td>Solvent Solubility:</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Solubility:</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH:</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting/Freezing Point (°C):</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Boiling Point (°C):</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient: (Method, pH, Endpoint, Value):</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neomycin Sulfate</td>
<td>Predicted 7.4 Log D 1.20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Triamcinolone acetonide</td>
<td>Predicted 7.4 Log D 2.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature (°C):</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate (Gram/s):</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure (kPa):</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor Density (g/ml):</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relative Density:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Viscosity:</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability:</td>
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<td></td>
</tr>
<tr>
<td>Autoignition Temperature (Solid) (°C):</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Flammability (Solids):</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flash Point (Liquid) (°C):</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Upper Explosive Limits (Liquid) (% by Vol.):</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Lower Explosive Limits (Liquid) (% by Vol.):</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Polymerization:</td>
<td>Will not occur</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## 10. STABILITY AND REACTIVITY

| Reactivity: | No data available |
| Chemical Stability: | Stable under normal conditions of use. |
| Possibility of Hazardous Reactions | No data available |
| 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 Products: | No data available |

ZT00264
11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

General Information: Toxicological properties of the formulation have not been investigated. The information in this section describes the potential hazards of the individual ingredients and the formulation.

Routes of exposure: eye contact, skin contact

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

**Neomycin Sulfate**
- Rat Oral LD50 2750 mg/kg
- Mouse Oral LD50 2880mg/kg
- Mouse Intraperitoneal LD50 116mg/kg
- Rat Subcutaneous LD50 633mg/kg
- Mouse Subcutaneous LD50 275mg/kg

Nystatin
- Rat Oral LD50 10,000 mg/kg

**Thiostrepton**
- Mouse Oral LD50 > 1000 mg/kg

**Triamcinolone acetonide**
- Rat Subcutaneous LD50 13100 ug/kg
- Mouse Oral LD50 5g/kg
- Mouse Subcutaneous LD50 132mg/kg
- Rabbit Dermal LD50 > 402mg/kg
- Rat Oral LD50 5g/kg

**Titanium dioxide**
- Rat Oral LD50 > 7500 mg/kg
- Rat Subcutaneous LD50 50 mg/kg

**Propylene glycol**
- Rat Oral LD50 22,000 mg/kg
- Mouse Oral LD50 24,900mg/kg
- Rabbit Dermal LD50 20,800mg/kg

**Sorbitol solution**
- Rat Oral LD50 15,900 mg/kg
- Mouse Oral LD50 17,800mg/kg

**Propylparaben**
- Mouse Oral LD50 6332 mg/kg
- Mouse Sub-tenon injection (eye) LD50 200 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.

Inhalation Acute Toxicity
- Allergic reactions might occur based on effects of the individual components.

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

**Neomycin Sulfate**
- Skin Irritation Rabbit Moderate
## 11. TOXICOLOGICAL INFORMATION

### Skin Irritation / Sensitization

May cause allergic reactions in susceptible individuals.

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

**Neomycin Sulfate**

<table>
<thead>
<tr>
<th>Duration</th>
<th>Species</th>
<th>Route</th>
<th>Dose</th>
<th>End Point</th>
<th>Target Organ</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 Week(s)</td>
<td>Dog</td>
<td>Oral</td>
<td>100 mg/kg/day</td>
<td>NOAEL</td>
<td>No effects at maximum dose</td>
</tr>
<tr>
<td>3 Month(s)</td>
<td>Guinea Pig</td>
<td>Oral</td>
<td>10 mg/kg/day</td>
<td>NOAEL</td>
<td>No effects at maximum dose</td>
</tr>
<tr>
<td>3 Month(s)</td>
<td>Dog</td>
<td>Subcutaneous</td>
<td>20 mg/kg/day</td>
<td>NOAEL</td>
<td>Kidney</td>
</tr>
<tr>
<td>12 Month(s)</td>
<td>Cat</td>
<td>Oral</td>
<td>12 mg/kg/day</td>
<td>NOAEL</td>
<td>Blood forming organs</td>
</tr>
<tr>
<td>3 Month(s)</td>
<td>Guinea Pig</td>
<td>Subcutaneous</td>
<td>10 mg/kg/day</td>
<td>NOAEL</td>
<td>Kidney</td>
</tr>
</tbody>
</table>

**Propylparaben**

<table>
<thead>
<tr>
<th>Duration</th>
<th>Species</th>
<th>Route</th>
<th>Dose</th>
<th>End Point</th>
<th>Target Organ</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Week(s)</td>
<td>Rat</td>
<td>Oral</td>
<td>27.1 g/kg</td>
<td>NOAEL</td>
<td>Endocrine system</td>
</tr>
<tr>
<td>4 Week(s)</td>
<td>Rat</td>
<td>Oral</td>
<td>347.2 mg/kg</td>
<td>NOAEL</td>
<td>Male reproductive system</td>
</tr>
</tbody>
</table>

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

**Neomycin Sulfate**

- Reproductive & Fertility: Mouse Oral 4000 mg/L NOAEL No effects at maximum dose
- 2 Generation Reproductive Toxicity: Rat Oral 25 mg/kg/day NOAEL Fetotoxicity
- Reproductive & Fertility: Rat Oral 25 mg/kg/day NOAEL No effects at maximum dose
- Prenatal & Postnatal Development: Rat Subcutaneous 6 mg/kg/day NOAEL Developmental toxicity,

**Triamcinolone acetonide**

- Embryo / Fetal Development: Mouse Intramuscular 10 mg/day NOAEL Fetotoxicity, Teratogenic
- Embryo / Fetal Development: Rat Intramuscular 0.5 mg/kg/day NOAEL Teratogenic
- Embryo / Fetal Development: Monkey Intramuscular 0.5 mg/kg NOAEL Fetotoxicity, Teratogenic

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

**Neomycin Sulfate**

- Bacterial Mutagenicity (Ames) Salmonella, E. coli Negative
- Mammalian Cell Mutagenicity: Chinese Hamster Ovary (CHO) cells Negative
- In Vivo Cytogenetics: Mouse Negative
- In Vitro Chromosome Aberration: Human Lymphocytes Positive

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

**Neomycin Sulfate**

- 2 Year(s) Rat Oral 25 mg/kg/day NOAEL Not carcinogenic
11. TOXICOLOGICAL INFORMATION

Carcinogen Status: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

Titanium dioxide
IARC: Group 2B (Possibly Carcinogenic to Humans)

12. ECOLOGICAL INFORMATION

Environmental Overview: Environmental properties of the formulation have not been investigated. The following information is available for the individual ingredients. Releases to the environment should be avoided.

Toxicity:

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

Neomycin Sulfate
*Daphnia magna* (Water Flea) OECD EC50 48 Hours 68 mg/L
*Salmo gairdneri* (Trout) OECD NOEC 96 Hours >1000 mg/L

Citric acid, anhydrous
*Daphnia magna* (Water Flea) EC50 72 Hours 120 mg/L

Neomycin Sulfate
Activated sludge OECD EC50 399 mg/L

Persistence and Degradability: No data available

Bio-accumulative Potential: No data available

Neomycin Sulfate
Predicted 7.4 Log D 1.20
Triamcinolone acetonide
Predicted 7.4 Log D 2.5

Mobility in Soil: No data available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Should not be released into the environment. 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:
Class D, Division 2, Subdivision A
Class D, Division 2, Subdivision B

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

Propylene glycol

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERCLA/SARA 313 Emission reporting</td>
<td>Not Listed</td>
</tr>
<tr>
<td>California Proposition 65</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Inventory - United States TSCA - Sect. 8(b)</td>
<td>Present</td>
</tr>
<tr>
<td>Australia (AICS):</td>
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</tr>
<tr>
<td>EU EINECS/ELINCS List</td>
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Citric acid, anhydrous

<table>
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<th>Regulation</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>CERCLA/SARA 313 Emission reporting</td>
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<tr>
<td>Inventory - United States TSCA - Sect. 8(b)</td>
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<td>Australia (AICS):</td>
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White Petrolatum

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<td>California Proposition 65</td>
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</tr>
<tr>
<td>Inventory - United States TSCA - Sect. 8(b)</td>
<td>Present</td>
</tr>
<tr>
<td>Australia (AICS):</td>
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<tr>
<td>REACH - Carcinogens Category 2:</td>
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<tr>
<td>EU EINECS/ELINCS List</td>
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Neomycin Sulfate
### 15. REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>Substance</th>
<th>CERCLA/SARA 313 Emission reporting</th>
<th>California Proposition 65</th>
<th>Inventory - United States TSCA - Sect. 8(b)</th>
<th>Australia (AICS):</th>
<th>EU EINECS/ELINCS List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triamcinolone acetonide</td>
<td>Not Listed</td>
<td>Not Listed</td>
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<td>Present</td>
<td>215-773-1</td>
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<tr>
<td>Nystatin</td>
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<td>Thioestrepton</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Schedule 2</td>
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<td>Titanium dioxide</td>
<td>Not Listed</td>
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<td>236-675-5</td>
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<tr>
<td>Sorbitol solution</td>
<td>Not Listed</td>
<td>Not Listed</td>
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<td>200-061-5</td>
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<tr>
<td>Simethicone emulsion</td>
<td>Not Listed</td>
<td>Not Listed</td>
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<td>Not Listed</td>
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</tbody>
</table>
15. REGULATORY INFORMATION

Ethylendiamine hydrochloride
- CERCLA/SARA 313 Emission reporting: Not Listed
- California Proposition 65: Not Listed
- EU EINECS/ELINCS List: 239-482-4

Ceteareth-20/Cetearyl alcohol
- CERCLA/SARA 313 Emission reporting: Not Listed
- California Proposition 65: Not Listed
- EU EINECS/ELINCS List: Not Listed

Propylparaben
- 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: 202-307-7

Methylparaben
- 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: 202-785-7

Sodium citrate
- 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: 200-675-3

Purified water
- CERCLA/SARA 313 Emission reporting: Not Listed
- California Proposition 65: Not Listed
- 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: 231-791-2

16. OTHER INFORMATION

Text of R phrases and GHS Classification abbreviations mentioned in Section 3
Sensitization, skin-Cat.1; H317 - May cause an allergic skin reaction
Sensitization, respiratory-Cat.1; H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
Reproductive toxicity-Cat.1B; H360 - May damage fertility or the unborn child
Reproductive toxicity-Cat.2; H361 - Suspected of damaging fertility or the unborn child
Hazardous to the aquatic environment, acute toxicity-Cat.3; H402 - Harmful to aquatic life
Hazardous to the aquatic environment, chronic toxicity-Cat.3; H412 - Harmful to aquatic life with long lasting effects
Acute toxicity, oral-Cat.5; H303 - May be harmful if swallowed
Skin corrosion/irritation-Cat.3; H316 - Causes mild skin irritation
Serious eye damage/eye irritation-Cat.2A; H319 - Causes serious eye irritation
Carcinogenicity-Cat.1B; H350 - May cause cancer

Toxic to Reproduction: Category 2
Toxic to Reproduction: Category 3
Xn - Harmful
Xi - Irritant
Carcinogenic: Category 2

R61 - May cause harm to the unborn child.
R63 - Possible risk of harm to the unborn child.
R36 - Irritating to eyes.
R45 - May cause cancer.
R42/43 - May cause sensitization by inhalation and skin contact.

Data Sources: The data contained in this SDS may have been gathered from confidential internal sources, raw material suppliers, or from the published literature.

Reasons for Revision: Updated Section 1 - Identification of the Substance/Preparation and the Company/Undertaking. Updated Section 2 - Hazard Identification. Updated Section 3 - Composition / Information on Ingredients. Updated Section 7 - Handling and Storage. Updated Section 8 - Exposure Controls / Personal Protection. Updated Section 11 - Toxicology Information. Updated Section 12 - Ecological Information. Updated Section 15 - Regulatory Information.

Prepared by: Toxicology and Hazard Communication
Zoetis Global Risk Management

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.

End of Safety Data Sheet