1. Identification

Product identifier: Cerenia Injection

Other means of identification

- Synonyms: CERENIA * Cerenia® (maropitant citrate) Injectable Solution * Cerenia® Injectable Solution * Maropitant Citrate Solution for Injection * Cerenia® Injection

Recommended use: Veterinary product used as Anti-emetic

Recommended restrictions: Not for human use

Manufacturer/Importer/Supplier/Distributor information

- Company Name (US): Zoetis Inc.
  10 Sylvan Way
  Parsippany, New Jersey 07054 (USA)

- Rocky Mountain Poison and Drug Center: 1-866-531-8896

- Product Support/Technical Services: 1-800-366-5288

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

- Company Name (EU): Zoetis Belgium S.A.
  Mercuriustraat 20
  1930 Zaventem
  Belgium

- Emergency telephone 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

- Serious eye damage/eye irritation: Category 2A
- Sensitization, skin: Category 1
- Specific target organ toxicity, repeated exposure: Category 2 (cardiovascular system, liver)

Environmental hazards

- Hazardous to the aquatic environment, acute hazard: Category 3
- Hazardous to the aquatic environment, long-term hazard: Category 3

OSHA defined hazards

- Not classified.

Label elements

- Signal word: Warning

Hazard statement

May cause an allergic skin reaction. Causes serious eye irritation. May cause damage to organs (cardiovascular system, liver) through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.

Precautionary statement

- Prevention: Do not breathe mist or vapor. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear eye protection/face protection. Wear protective gloves.
**Response**
Get medical advice/attention if you feel unwell. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.

**Storage**
Store away from incompatible materials.

**Disposal**
Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)**
None known.

**Supplemental information**
Based on findings in animal studies, this compound may cause rare but potentially serious cardiac effects in human clinical use. Sulfobutylether b-cyclodextrin sodium (SBEDC) has been associated with toxic effects in the kidney.

### 3. Composition/information on ingredients

**Mixtures**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfobutylether b-cyclodextrin sodium (SBEDC)</td>
<td></td>
<td>7585-39-9</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Maropitant Citrate Salt, Monohydrate</td>
<td></td>
<td>359875-09-5</td>
<td>1.4</td>
</tr>
<tr>
<td>m-Cresol</td>
<td></td>
<td>108-39-4</td>
<td>&lt;0.5</td>
</tr>
</tbody>
</table>

**Composition comments**
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

**Inhalation**
Move to fresh air. Call a physician if symptoms develop or persist. If breathing is difficult, trained personnel should give oxygen.

**Skin contact**
Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation develops and persists. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

**Eye contact**
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Ingestion**
Rinse mouth. Get medical attention if symptoms occur. If ingestion of a large amount does occur, call a poison control center immediately. Do not induce vomiting without advice from poison control center. Never give anything by mouth to a victim who is unconscious or is having convulsions.

**Most important symptoms/effects, acute and delayed**
Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Mild skin irritation. May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.

**Indication of immediate medical attention and special treatment needed**
Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**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. Wash contaminated clothing before reuse.

### 5. Fire-fighting measures

**Suitable extinguishing media**
Water fog. Foam. Dry chemical powder. Carbon 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 formed.

**Special protective equipment and precautions for firefighters**
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire fighting equipment/instructions**
Move containers from fire area if you can do so without risk.

**Specific methods**
Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards**
No unusual fire or explosion hazards noted.
6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Keep unnecessary personnel away. Ensure adequate ventilation. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Ventilate the contaminated area. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up
Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions
Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

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

Conditions for safe storage, including any incompatibilities
Keep away from heat, sparks and open flame. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Zoetis Components Type Value
Maropitant Citrate Salt, Monohydrate (CAS 359875-09-5) TWA 20 µg/m³
Sulfobutylether b-cyclodextrin sodium (SBECD) (CAS 7585-39-9) TWA 3000 µg/m³

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) Components Type Value
m-Cresol (CAS 108-39-4) PEL 22 mg/m³
5 ppm

US. ACGIH Threshold Limit Values Components Type Value Form
m-Cresol (CAS 108-39-4) TWA 20 mg/m³ Inhalable fraction and vapor.

US. NIOSH: Pocket Guide to Chemical Hazards Components Type Value
m-Cresol (CAS 108-39-4) TWA 10 mg/m³ 2.3 ppm

Biological limit values
No biological exposure limits noted for the ingredient(s).

Exposure guidelines
US - California OELs: Skin designation
m-Cresol (CAS 108-39-4) Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies
US - Tennessee OELs: Skin designation
m-Cresol (CAS 108-39-4) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation
m-Cresol (CAS 108-39-4) Can be absorbed through the skin.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Control banding approach
Not available.

Appropriate engineering controls
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. 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 suitable gloves. Wear impervious gloves if skin contact is possible.

Other
Wear suitable protective clothing. Impervious protective clothing is recommended if skin contact with drug product is possible and for bulk processing operations.

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.

Thermal hazards
Not applicable.

General hygiene 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. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance
Aqueous solution

Physical state
Liquid.

Form
Liquid.

Color
Clear, colorless to pale yellow

Odor
Not available.

Odor threshold
Not available.

pH
Not available.

Melting point/freezing point
Not available.

Initial boiling point and boiling range
Not available.

Flash point
Not available.

Evaporation rate
Not available.

Vapor pressure
Not available.

Vapor density
Not available.

Relative density
Not available.

Solubility(ies)
Solubility (water)
Not available.
Partition coefficient (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.
Chemical stability Material is stable under normal conditions.
Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.

Conditions to avoid Contact with incompatible materials. Heat, flames and sparks. High temperatures.
Incompatible materials Strong oxidizing agents.
Hazardous decomposition products Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition.

11. Toxicological information
Information on likely routes of exposure

Inhalation May cause damage to organs through prolonged or repeated exposure by inhalation.
Skin contact May cause an allergic skin reaction.
Maropitant Citrate Salt, Monohydrate Species: Rabbit
Severity: Non-irritating
Sulfobutylether b-cyclodextrin sodium (SBEC) Species: Rabbit
Severity: Non-irritating
m-Cresol Species: Rabbit
Severity: Severe

Eye contact Causes serious eye irritation.
Sulfobutylether b-cyclodextrin sodium (SBEC) Species: Rabbit
Severity: Non-irritating
Maropitant Citrate Salt, Monohydrate Species: Rabbit
Severity: Severe
m-Cresol Species: Rabbit
Severity: Severe

Ingestion Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Mild skin irritation. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

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

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maropitant Citrate Salt, Monohydrate (CAS 359875-09-5)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Acute</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dermal</td>
<td>Rat</td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
</tr>
<tr>
<td>Components</td>
<td>Species</td>
</tr>
<tr>
<td>---------------------</td>
<td>---------------</td>
</tr>
<tr>
<td></td>
<td>Subchronic</td>
</tr>
<tr>
<td>Oral</td>
<td>Dog</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
</tr>
<tr>
<td>m-Cresol (CAS 108-39-4)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Acute</strong></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
</tr>
<tr>
<td>Sulfobutylether b-cyclodextrin sodium (SBEC) (CAS 7585-39-9)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Acute</strong></td>
</tr>
<tr>
<td>Intravenous</td>
<td>Rat/Mouse</td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
</tr>
<tr>
<td></td>
<td><strong>Chronic</strong></td>
</tr>
<tr>
<td>Intravenous</td>
<td>Dog</td>
</tr>
<tr>
<td></td>
<td>Dog</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
</tr>
<tr>
<td>Prolonged skin contact may cause temporary irritation.</td>
<td></td>
</tr>
<tr>
<td><strong>Skin corrosion/irritation</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Corrosivity</strong></td>
<td>Species: Rabbit</td>
</tr>
<tr>
<td></td>
<td>Maropitant Citrate Salt, Monohydrate</td>
</tr>
<tr>
<td><strong>Serious eye damage/eye irritation</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Eye Contact</strong></td>
<td>Species: Rabbit</td>
</tr>
<tr>
<td></td>
<td>Maropitant Citrate Salt, Monohydrate</td>
</tr>
<tr>
<td></td>
<td>m-Cresol</td>
</tr>
<tr>
<td><strong>Respiratory or skin sensitization</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Respiratory sensitization</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Skin sensitization</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Skin sensitization</strong></td>
<td>GPMT</td>
</tr>
<tr>
<td></td>
<td>Species: Guinea Pig Severity: Positive</td>
</tr>
<tr>
<td></td>
<td>Maropitant Citrate Salt, Monohydrate</td>
</tr>
<tr>
<td></td>
<td>Sulfobutylether b-cyclodextrin sodium (SBEC)</td>
</tr>
<tr>
<td><strong>Germ cell mutagenicity</strong></td>
<td></td>
</tr>
</tbody>
</table>
### Mutagenicity

<table>
<thead>
<tr>
<th>Substance</th>
<th>Test Type</th>
<th>Result</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfobutylether b-cyclodextrin sodium (SBECID)</td>
<td>Bacterial Mutagenicity (Ames)</td>
<td>Negative</td>
<td>E. coli</td>
</tr>
<tr>
<td>In Vitro Chromosome Aberration</td>
<td></td>
<td>Negative</td>
<td>Human Lymphocytes</td>
</tr>
<tr>
<td>In Vivo Micronucleus</td>
<td></td>
<td>Negative</td>
<td>Mouse Bone Marrow</td>
</tr>
<tr>
<td>Mammalian Cell Mutagenicity</td>
<td></td>
<td>Negative</td>
<td>CHO cells HGPRT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Substance</th>
<th>Result</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maropitant Citrate Salt, Monohydrate</td>
<td>Negative (In vitro, in vivo)</td>
<td>-</td>
</tr>
</tbody>
</table>

### Carcinogenicity

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**IARC Monographs. Overall Evaluation of Carcinogenicity**
Not listed.

Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens**
Not listed.

### Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

**Developmental effects**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Dose/Treatment</th>
<th>Result</th>
<th>Species/Organ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maropitant Citrate Salt, Monohydrate</td>
<td>150 mg/kg/day Embryo/Fetal</td>
<td>NOEL</td>
<td>Rat</td>
</tr>
<tr>
<td></td>
<td>Development, Not teratogenic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sulfobutylether b-cyclodextrin sodium (SBECID)</td>
<td>1500 mg/kg/day Embryo/Fetal</td>
<td>NOAEL</td>
<td>Rabbit, Intravenous</td>
</tr>
<tr>
<td></td>
<td>Development, Not Teratogenic</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1500 mg/kg/day Fertility &amp;</td>
<td>NOAEL</td>
<td>Rat, Intravenous</td>
</tr>
<tr>
<td></td>
<td>Embryonic Development, No</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>effects at maximum dose</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Result</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>600 mg/kg/day Prenatal &amp; Postnatal Development, Maternal Toxicity</td>
<td>NOAEL</td>
<td>Rat, Intravenous</td>
</tr>
</tbody>
</table>

### Specific target organ toxicity - single exposure

Not classified.

### Specific target organ toxicity - repeated exposure

May cause damage to organs (cardiovascular system, liver) through prolonged or repeated exposure.

### Aspiration hazard

Not an aspiration hazard.

### Chronic effects

May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful.

### Further information

Based on findings in animal studies, this compound may cause rare but potentially serious cardiac effects in human clinical use. Sulfobutylether b-cyclodextrin sodium (SBECID) has been associated with toxic effects in the kidney.
12. Ecological information

Ecotoxicity

Harmful to aquatic life with long lasting effects. Avoid release to the environment.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maropitant Citrate Salt, Monohydrate (CAS 359875-09-5)</td>
<td>Daphnia magna (Water Flea)</td>
<td>0.6 mg/L, 1.25 Hours</td>
</tr>
<tr>
<td></td>
<td>Red Algae</td>
<td>0.23 mg/L, 7 Days</td>
</tr>
<tr>
<td></td>
<td>Cyprinodon variegatus (Sheepshead Minnow)</td>
<td>0.68 mg/L, 48 Hours</td>
</tr>
<tr>
<td></td>
<td>Mysis bahia (Mysid Shrimp)</td>
<td>0.68 mg/L, 48 Hours</td>
</tr>
<tr>
<td>m-Cresol (CAS 108-39-4)</td>
<td>Aquatic Crustacea</td>
<td>EC50 7 mg/l, 48 hours</td>
</tr>
<tr>
<td></td>
<td>Fish</td>
<td>LC50 8.9 mg/l, 96 hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rainbow trout,donaldson trout (Oncorhynchus mykiss)</td>
</tr>
<tr>
<td>Sulfovalylether b-cyclodextrin sodium (SBECD) (CAS 7585-39-9)</td>
<td>Daphnia magna (Water Flea)</td>
<td>&gt; 96 mg/L, 48 Hours</td>
</tr>
<tr>
<td></td>
<td>Green algae</td>
<td>&gt; 100 mg/L, Hours</td>
</tr>
<tr>
<td></td>
<td>Oncorhynchus mykiss (Rainbow Trout)</td>
<td>&gt; 220 mg/L, 96 Hours</td>
</tr>
</tbody>
</table>

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

No data available.

Partition coefficient n-octanol / water (log Kow)

Maropitant Citrate Salt, Monohydrate 7.75, (Measured, Log P)

Mobility in soil

No data available.

Other 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 allow this material to drain into sewers/water supplies. 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. 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

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

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.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not established.
15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)


SARA 304 Emergency release notification
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
No

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
m-Cresol (CAS 108-39-4)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace
m-Cresol (CAS 108-39-4) Low priority

US state regulations
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))
m-Cresol (CAS 108-39-4)

International Inventories

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

*"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: 04-19-2017
Version #: 01

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Revision information: This document has undergone significant changes and should be reviewed in its entirety.