1. Identification

Product identifier: ANORO ELLIPTA FORMULATED PRODUCT

Other means of identification: Not available.

Synonym(s): GW642444M, FORMULATED PRODUCT * GSK573719A, FORMULATED PRODUCT

Recommended use: Medicinal Product

This safety data sheet is written to provide health, safety and environmental information for people handling this formulated product in the workplace. It is not intended to provide information relevant to medicinal use of the product. In this instance patients should consult prescribing information/package insert/product label or consult their pharmacist or physician. For health and safety information for individual ingredients used during manufacturing, refer to the appropriate safety data sheet for each ingredient.

Recommended restrictions: No other uses are advised.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer:
GlaxoSmithKline US
5 Moore Drive
Research Triangle Park, NC 27709 USA
US General Information (normal business hours): +1-888-825-5249
Email Address: msds@gsk.com
Website: www.gsk.com
EMERGENCY PHONE NUMBERS - TRANSPORT EMERGENCIES:
US / International toll call +1 703 527 3887
available 24 hrs/7 days; multi-language response

2. Hazard(s) identification

Classified hazards:
Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

Label elements:
Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

Hazard(s) not otherwise classified (HNOC):
Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSK573719A</td>
<td>4-{HYDROXY(DIPHENYL)METHYL}-1-{2-{[PI BROMIDE</td>
<td>869113-09-7</td>
<td>0.5 - 1.0</td>
</tr>
<tr>
<td>GW642444M</td>
<td>VILANTEROL (ALPHA1-R)-ALPHA1-[[6-{2-{[2,6-DICHLORO TRIPHENYLACETIC ACID SALT GW642444 TRIPHENYLACETIC ACID SALT</td>
<td>503070-58-4</td>
<td>0.2</td>
</tr>
</tbody>
</table>

Other components below reportable levels >98.0

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention immediately.

Skin contact
Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Remove and isolate contaminated clothing and shoes. Get medical attention immediately.
Eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Ingestion
Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed
Direct contact with eyes may cause temporary irritation.
The following adverse effects have been noted with therapeutic use of this material: headache; fine muscle tremors; increased heart rate; increased blood pressure; changes in clinical chemistry parameters; joint pain; muscle cramps; inflamed nasal cavity; coughing; dry mouth.

Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptons may be delayed. No specific antidotes are recommended. Treat according to locally accepted protocols. For additional guidance, refer to the local poison control information centre.

General information
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Pre-placement and periodic health surveillance is not usually indicated. The final determination of the need for health surveillance should be determined by local risk assessment.

5. Fire-fighting measures

Suitable extinguishing media
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media
None known.

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
In the event of fire, cool tanks with water spray.

Specific methods
Cool containers exposed to flames with water until well after the fire is out.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the MSDS.

Methods and materials for containment and cleaning up
Stop the flow of material, if this is without risk. Collect spillage. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the MSDS.

Environmental precautions
Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling
Minimize dust generation and accumulation. Do not taste or swallow. Avoid breathing dust. Avoid prolonged exposure. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains.

Conditions for safe storage, including any incompatibilities
Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the MSDS).

8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>GSK Components</th>
<th>Type</th>
<th>Value</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSK573719A (CAS 869113-09-7)</td>
<td>8 HR TWA</td>
<td>8 mcg/m3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OHC</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>GW642444M (CAS 503070-58-4)</td>
<td>15 MIN STEL</td>
<td>20 mcg/m3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8 HR TWA</td>
<td>2 mcg/m3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ADE</td>
<td>5 µg/day</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OHC</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

Biological limit values
No biological exposure limits noted for the ingredient(s).
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. An Exposure Control Approach (ECA) is established for operations involving this material based upon the OEL/Occupational Hazard Category and the outcome of a site- or operation-specific risk assessment.

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear safety glasses with side shields (or goggles). Wear a full-face respirator, if needed.

Hand protection
The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Glove selection must take into account any solvents and other hazards present.

Other
Not normally needed.

Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
When using, do not eat, drink or smoke. Wash hands after handling and before eating. An occupational/industrial hygiene monitoring method has been developed for this material. For advice on suitable monitoring methods, seek guidance from a qualified environment, health and safety professional.

9. Physical and chemical properties

Appearance

Physical state Solid.
Form Coiled blister strip.
Color Not available.
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.
Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.
Flammability limit - upper (%) 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) Not available.
Partition coefficient (n-octanol/water) Not available.
Auto-ignition temperature Not available.
Decomposition temperature Not available.
Viscosity Not available.

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.
**Incompatible materials**
Strong oxidizing agents.

**Hazardous decomposition products**
Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

**11. Toxicological information**

**Information on likely routes of exposure**

- **Ingestion**
  May be harmful if swallowed.

- **Inhalation**
  Health injuries are not known or expected under normal use.

- **Skin contact**
  None known. Health injuries are not known or expected under normal use.

- **Eye contact**
  Direct contact with eyes may cause temporary irritation.

**Symptoms related to the physical, chemical and toxicological characteristics**
The following adverse effects have been noted with therapeutic use of this material: headache; fine muscle tremors; increased heart rate; changes in clinical chemistry parameters; joint pain; malaise; muscle cramps; inflamed nasal cavity; dry mouth.

**Information on toxicological effects**

**Acute toxicity**
May be harmful if swallowed.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSK573719A (CAS 869113-09-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Oral</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD</td>
<td>Mouse</td>
<td>1000 mg/kg, 3 Day</td>
</tr>
<tr>
<td><strong>Subacute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Oral</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD</td>
<td>Rat</td>
<td>&gt; 300 mg/kg/day, 14 Day</td>
</tr>
<tr>
<td>NOAEL</td>
<td>Rat</td>
<td>&gt; 100 mg/kg/day, 14 Day</td>
</tr>
<tr>
<td><strong>Subchronic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Inhalation</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NOAEL</td>
<td>Dog</td>
<td>109 mcg/kg/day, 39 weeks</td>
</tr>
<tr>
<td></td>
<td>Mouse</td>
<td>5 mcg/L/day, 13 weeks</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>87.1 mcg/kg/day, 26 weeks</td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NOAEL</td>
<td>Mouse</td>
<td>3 mg/kg/day, 13 weeks</td>
</tr>
<tr>
<td>GW642444M (CAS 503070-58-4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Oral</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD</td>
<td></td>
<td>&gt; 300 mg/kg</td>
</tr>
<tr>
<td><strong>Subchronic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Inhalation</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NOAEL</td>
<td>Dog</td>
<td>62.5 mcg/kg/day, 39 weeks, heart, respiratory tract irritation</td>
</tr>
<tr>
<td></td>
<td>Mouse</td>
<td>38200 mcg/kg/day, 13 weeks, clinical signs, mortality</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>658 mcg/kg/day, 13 weeks, respiratory tract irritation</td>
</tr>
<tr>
<td></td>
<td>Dog</td>
<td>&lt; 9.3 mcg/kg/day, 13 weeks, adrenergic effects</td>
</tr>
<tr>
<td></td>
<td>Mouse</td>
<td>&lt; 59 mcg/kg/day, 13 weeks, adrenergic effects</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>&lt; 56 mcg/kg/day, 13 weeks, adrenergic effects</td>
</tr>
</tbody>
</table>
* Estimates for product may be based on additional component data not shown.

### Skin corrosion/irritation
- Prolonged skin contact may cause temporary irritation.

#### Corrosivity
- **GSK573719A**
  - Reconstituted Human Epidermis
  - Result: Mild
- **GW642444M**
  - Reconstituted Human Epidermis
  - Result: Negative

#### Serious eye damage/eye irritation
- Direct contact with eyes may cause temporary irritation.

#### Respiratory sensitization
- None known.

#### Skin sensitization
- This product is not expected to cause skin sensitization.

#### Sensitization
- **GW642444M**
  - 50 % OECD 429, Vehicle - Dimethyl formamide
  - Result: Negative
- **GSK573719A**
  - Local lymph node assay, Vehicle - Propylene glycol
  - Result: Negative
  - Species: Mouse

#### Germ cell mutagenicity
- No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

- **GW642444M**
  - ICH S 2 (R1)
  - Result: Negative
- **GW642444M**
  - ICH S 2 (R1)
  - Result: Negative
- **GSK573719A**
  - Ames
  - Result: Negative
  - L5178Y mouse lymphoma thymidine kinase locus assay
  - Result: Negative
- **GW642444M**
  - L5178Y mouse lymphoma thymidine kinase locus assay, GW642444H
  - Result: Negative
  - L5178Y mouse lymphoma thymidine kinase locus assay, GW642444H, DNA damage occurred only at cytotoxic concentrations.
  - Result: Positive
- **GSK573719A**
  - Mouse micronucleus test
  - Result: Negative
- **GW642444M**
  - Rat UDS assay, GW642444H
  - Result: Negative
  - Syrian Hamster Embryo (SHE) cell transformation assay, GW642444H
  - Result: Negative
  - bacterial mutation assay (high throughput fluctuation test), GW642444H
  - Result: Negative

#### Carcinogenicity
- This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
- **GW642444M**
  - > 10.5 mcg/kg/day ICH S1B - Inhalation, NOAEL
  - Result: Negative
  - Species: Rat
  - Test Duration: 104 weeks
  - > 6.4 mcg/kg/day ICH S1B - Inhalation, NOAEL
  - Result: Negative
  - Species: Mouse
  - Test Duration: 104 weeks
  - > 62 mcg/kg/day ICH S1B - Inhalation, Species-specific
  - Result: Positive
  - Species: Mouse
  - Organ: Uterus/ Ovary
  - Test Duration: 104 weeks
  - > 84.4 mcg/kg/day ICH S1B - Inhalation, Species-specific
  - Result: Positive
  - Species: Rat
  - Organ: Pituitary/ Ovary
  - Test Duration: 104 weeks
Carcinogenicity

GSK573719A

ICH S1B - Inhalation
Result: Negative
Species: Mouse
Test Duration: 104 weeks

ICH S1B - Inhalation
Result: Negative
Species: Rat
Test Duration: 104 weeks

Reproductive toxicity

Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals.

GSK573719A

278 mcg/kg/day S5(R2) - Inhalation, NOAEL
Result: Negative
Species: Rat

GW642444M

30 mcg/kg/day S5(R2) Sub-cutaneous, NOAEL
Result: Negative
Species: Rabbit
300 mcg/kg/day S5(R2) Sub-cutaneous
Result: Positive
Species: Rabbit
Organ: Eye
300 mcg/kg/day S5(R2) Sub-cutaneous
Result: Positive
Species: Rabbit
Organ: Skeleton

GSK573719A

306 mcg/kg/day S5(R2) - Inhalation, NOAEL
Result: Negative
Species: Rabbit

GW642444M

> 33700 mcg/kg/day S5(R2)
Result: Negative
Species: Rat

GW642444M

> 33700 mcg/kg/day ICH S5(R2), Inhalation
Result: Negative
Species: Rat

Organ: Eye

Organ: Skeleton

Specific target organ toxicity - single exposure
Heart.

Specific target organ toxicity - repeated exposure
Heart.

Aspiration hazard
None known.

Chronic effects
Prolonged inhalation may be harmful.

Further information
None known.

12. Ecological information

Ecotoxicity

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSK573719A (CAS 869113-09-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Algae</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC50</td>
<td>Green algae (Pseudokirchnereilla subcapitata)</td>
<td>0.3 mg/l, 72 hours, Nominal</td>
</tr>
<tr>
<td>NOEC</td>
<td>Green algae (Pseudokirchnereilla subcapitata)</td>
<td>0.074 mg/l, 72 hours</td>
</tr>
<tr>
<td><strong>Chronic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Crustacea</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOEC</td>
<td>Water flea (Daphnia magna)</td>
<td>11.86 mg/l, 21 days, nominal</td>
</tr>
<tr>
<td>NOEC</td>
<td>Water flea (Daphnia magna)</td>
<td>3.8 mg/l, 21 days</td>
</tr>
<tr>
<td><strong>Fish</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Growth test LOEC</td>
<td>Fathead minnow (Juvenile Pimephales promelas)</td>
<td>1.11 mg/l, 28 days, Nominal</td>
</tr>
<tr>
<td>Growth test NOEC</td>
<td>Fathead minnow (Juvenile Pimephales promelas)</td>
<td>0.37 mg/l, 28 days</td>
</tr>
<tr>
<td>GW642444M (CAS 503070-58-4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Algae</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC50</td>
<td>Green algae (Pseudokirchnereilla subcapitata)</td>
<td>1.33 mg/l, 72 hours, Nominal</td>
</tr>
</tbody>
</table>
### Components Test Results

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chronic</strong></td>
<td></td>
</tr>
<tr>
<td>Algae</td>
<td>NOEC 0.139 mg/l, 72 hours</td>
</tr>
<tr>
<td>Water flea (Daphnia magna)</td>
<td>LOEC 18.25 mg/l, 21 days, semi-static test conditions</td>
</tr>
<tr>
<td>Daphnia</td>
<td>NOEC 9.125 mg/l, 21 days</td>
</tr>
<tr>
<td>Fathead minnow (Juvenile Pimephales promelas)</td>
<td>Growth test NOEC 9.125 mg/l, 21 days</td>
</tr>
<tr>
<td>Fish</td>
<td>LOEC 1.62 mg/l, 28 days, Nominal</td>
</tr>
<tr>
<td>Fish</td>
<td>NOEC 0.54 mg/l, 28 days</td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

### Persistence and degradability
No data is available on the degradability of this product.

### Bioaccumulative potential

- **Partition coefficient n-octanol / water (log Kow)**
  - GSK573719A: 1.26 (measured)
  - GW642444M: 1.39

### Mobility in soil
Not available.

### Mobility in general

#### Distribution

- **Octanol/water distribution coefficient log DOW**
  - GW642444M: 0.09 Measured., pH 5
  - 1.35 Measured., pH 7
  - 1.39 Measured., pH 9

### Other adverse effects
Not available.

### 13. Disposal considerations

#### Disposal instructions
Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. 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
Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### 14. Transport information

#### DOT
Not regulated as a dangerous good.

#### IATA
Not regulated as a dangerous good.

#### IMDG
Not regulated as a dangerous good.

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
MARPOL Annex II applies to liquids used in a ship's operation that pose a threat to the marine environment. These materials may not be transported in bulk.

### 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)
Not listed.

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

SARA 304 Emergency release notification
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
No

SARA 311/312 Hazardous chemical
No

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

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

Safe Drinking Water Act (SDWA) DEA Essential Chemical Code Number
Not regulated.

Food and Drug Administration (FDA) Not regulated.

US state regulations
US. Massachusetts RTK - Substance List Not regulated.

US. New Jersey Worker and Community Right-to-Know Act Not regulated.

US. Pennsylvania RTK - Hazardous Substances Not regulated.

US. Rhode Island RTK Not regulated.

US. California Proposition 65 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.

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 (NDSSL)</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 this product complies 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 06-14-2013
Further information
This material has not been assessed for HMIS or NFPA ratings. HMIS® is a registered trade and service mark of the NPCA.

References
GSK Hazard Determination

Disclaimer
The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose.