1. Product and Company Identification

Product Name: DUREX® Play Utopia

CAS #: Mixture

This MSDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA).

This MSDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulation.

Product Use: Lubricant

Distributed by: Reckitt Benckiser
Morris Corporate Center IV
399 Interpace Parkway
P.O. Box 225
Parsippany, NJ 07054-0225

In Case of Emergency: 1-800-338-6167
Transportation Emergencies: 24 Hour Number:
North America: CHEMTREC: 1-800-424-9300
Outside North America: 1-703-527-3887

2. Hazards Identification

Emergency overview: This product is regulated by the US FDA as a medical device.

CAUTION
Use as directed.
If irritation or discomfort occurs, or if you experience natural, persistent vaginal dryness, discontinue use and consult your doctor.
If you are pregnant, breastfeeding, or trying to conceive, do not use play™ UTOPIA™. If you have herpes, please consult your doctor before using this product.
This product is NOT a contraceptive and does not contain spermicide.
Avoid contact with the eyes.
Use only as directed and within three months of opening.
To avoid damage to furniture, do not place on surface where gel can leak out.
KEEP OUT OF REACH OF CHILDREN.

Potential short term health effects

Routes of exposure: Eye, Skin contact, Inhalation, Ingestion.

Eyes: There is no known adverse effect from exposure to the recommended use of this product.

Skin: There is no known adverse effect from exposure to the recommended use of this product.

Inhalation: There is no known adverse effect from exposure to the recommended use of this product.

Ingestion: There is no known adverse effect from exposure to the recommended use of this product.

Target organs: Not applicable.

Chronic effects: The finished product is not expected to have chronic health effects.

Signs and symptoms: There are no hazards associated with this product in normal use.
OSHA Regulatory Status
This product is NOT known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential environmental effects
This product has not been tested.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td>20 - 40</td>
</tr>
<tr>
<td>L-Arginine</td>
<td>74-79-3</td>
<td>1 - 2.5</td>
</tr>
<tr>
<td>Alcohol</td>
<td>64-17-5</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

4. First Aid Measures

First aid procedures

Eye contact
Avoid contact with eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Check for and remove any contact lenses. If symptoms develop, obtain medical attention.

Skin contact
If irritation or discomfort occurs, or if you experience natural, persistent vaginal dryness, stop use and consult your doctor.

Inhalation
Remove to fresh air. If symptoms develop, obtain medical attention.

Ingestion
Wash out mouth with water. If symptoms develop, obtain medical attention. If swallowed in quantity DO NOT INDUCE VOMITING!

Notes to physician
Symptoms may be delayed. Treat patient symptomatically.

General advice
If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep out of reach of children. Avoid contact with eyes.

5. Fire Fighting Measures

Flammable properties
Not flammable by OSHA criteria.

Extinguishing media
Suitable extinguishing media

Unsuitable extinguishing media
Not available

Protection of firefighters
Specific hazards arising from the chemical
Not available

Protective equipment for firefighters
Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products
May include and are not limited to: Oxides of carbon.

Explosion data
Sensitivity to mechanical impact
Not available

Sensitivity to static discharge
Not available

6. Accidental Release Measures

Personal precautions
Keep unnecessary personnel away. Do not touch or walk through spilled material. Floors may become slippery.

Environmental precautions
Do not discharge into lakes, streams, ponds or public waters.
Advise authorities if product has penetrated drains, sewers or water pipes.

Methods for containment
Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up
Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.
7. Handling and Storage

Handling
Ensure adequate ventilation.
Avoid contact with eyes.
When using do not eat or drink.
Use good industrial hygiene practices in handling this material.
Use according to package label instructions.
Use within 3 months of opening.
To avoid damage to furniture, do not place on surface where gel can leak out.

Storage
Store at room temperature.
Avoid placing near excessive heat.
Store in a cool dry place away from direct sunlight.
Keep out of reach of children.

8. Exposure Controls / Personal Protection

Exposure limits

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>TWA: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td>STEL: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>TWA: 1000 ppm</td>
</tr>
<tr>
<td>L-Arginine</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Propylene glycol</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
</tbody>
</table>

Engineering controls
General ventilation normally adequate.

Personal protective equipment
Consult the product label for special protection or precautions that have been identified for using this product under directed consumer use conditions. The following recommendations are given for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure.

Eye / face protection
Not normally required when used as directed. Emergency responders should wear full eye and face protection.

Hand protection
Not required.
Emergency responders should wear impermeable gloves.

Skin and body protection
As required by employer code.

Respiratory protection
Not normally required.

General hygiene considerations
Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Form</td>
<td>gel</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>pH</td>
<td>4.5 - 5.5</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available</td>
</tr>
</tbody>
</table>
### Pour point
Not available

### Evaporation rate
Not available

### Flash point
Not available

### Auto-ignition temperature
Not available

### Flammability limits in air, lower, % by volume
Not available

### Flammability limits in air, upper, % by volume
Not available

### Vapor pressure
Not available

### Vapor density
Not available

### Specific gravity
1.00 - 1.05 g/cm³

### Octanol/water coefficient
Not available

### Viscosity
72000 - 88000 Cps @ 25°C

### 10. Stability and Reactivity

<table>
<thead>
<tr>
<th>Reactivity</th>
<th>None known.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Possibility of hazardous reactions</td>
<td>Hazardous polymerization does not occur.</td>
</tr>
<tr>
<td>Chemical stability</td>
<td>Stable under recommended storage conditions.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Excessive heat.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>None known.</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>May include and are not limited to: Oxides of carbon.</td>
</tr>
</tbody>
</table>

### 11. Toxicological Information

#### Component analysis - LC50

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>31623 ppm rat</td>
</tr>
<tr>
<td>L-Arginine</td>
<td>Not available</td>
</tr>
<tr>
<td>Propylene glycol</td>
<td>Not available</td>
</tr>
</tbody>
</table>

#### Component analysis - Oral LD50

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>3450 mg/kg mouse; 7060 mg/kg rat</td>
</tr>
<tr>
<td>L-Arginine</td>
<td>Not available</td>
</tr>
<tr>
<td>Propylene glycol</td>
<td>14800 mg/kg rabbit; 20000 mg/kg rat</td>
</tr>
</tbody>
</table>

#### Effects of acute exposure

<table>
<thead>
<tr>
<th>Effect</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye</td>
<td>There is no known adverse effect from exposure to the recommended use of this product.</td>
</tr>
<tr>
<td>Skin</td>
<td>There is no known adverse effect from exposure to the recommended use of this product.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>There is no known adverse effect from exposure to the recommended use of this product.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>There is no known adverse effect from exposure to the recommended use of this product.</td>
</tr>
<tr>
<td>Sensitization</td>
<td>The finished product is not expected to have chronic health effects.</td>
</tr>
<tr>
<td>Chronic effects</td>
<td>The finished product is not expected to have chronic health effects.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>The finished product is not expected to have chronic health effects.</td>
</tr>
<tr>
<td>Mutagenicity</td>
<td>The finished product is not expected to have chronic health effects.</td>
</tr>
<tr>
<td>Reproductive effects</td>
<td>The finished product is not expected to have chronic health effects.</td>
</tr>
</tbody>
</table>
Teratogenicity
The finished product is not expected to have chronic health effects.

Name of Toxicologically Synergistic Products
Not available

12. Ecological Information

Ecotoxicity
See below

| Ecotoxicity - Freshwater Algae - Acute Toxicity Data | Propylene glycol 57-55-6 | 96 Hr EC50 Pseudokirchneriella subcapitata: 19000 mg/L |
| Ecotoxicity - Freshwater Fish - Acute Toxicity Data | Alcohol 64-17-5 | 96 Hr LC50 Oncorhynchus mykiss: 12.0 - 16.0 mL/L [static]; 96 Hr LC50 Pimephales promelas: >100 mg/L [static]; 96 Hr LC50 Pimephales promelas: 13400 - 15100 mg/L [flow-through] |
| Propylene glycol 57-55-6 | 96 Hr LC50 Oncorhynchus mykiss: 51600 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 41 - 47 mL/L [static]; 96 Hr LC50 Pimephales promelas: 51400 mg/L [static]; 96 Hr LC50 Pimephales promelas: 710 mg/L |
| Ecotoxicity - Water Flea - Acute Toxicity Data | Alcohol 64-17-5 | 48 Hr LC50 Daphnia magna: 9268 - 14221 mg/L; 24 Hr EC50 Daphnia magna: 10800 mg/L; 48 Hr EC50 Daphnia magna: 2 mg/L [Static] |
| Propylene glycol 57-55-6 | 24 Hr EC50 Daphnia magna: >10000 mg/L; 48 Hr EC50 Daphnia magna: >1000 mg/L [Static] |

Persistence / degradability
Not available

Bioaccumulation / accumulation
Not available

Mobility in environmental media
Not available

Environmental effects
Not available

Aquatic toxicity
Not available

Partition coefficient
Not available

Chemical fate information
Not available

13. Disposal Considerations

Disposal instructions
Dispose in accordance with all applicable regulations.
Do not flush to surface water or sanitary sewer systems.
For bulk quantities dispose of in accordance with local, regional or national requirements.

Waste from residues / unused products
Not available

Contaminated packaging
Not available

14. Transport Information

UN/ID N.o.
Not applicable

U.S. Department of Transportation (DOT): Classification: Not regulated
Proper shipping name
Not applicable

U.S. DOT Hazard Class
Not applicable

Subsidiary Risk
Not applicable

Packing group
Not applicable

DOT RQ (lbs)
Not applicable

ERG NO
Not applicable
Transportation of Dangerous Goods (TDG - Canada): Classification: Not regulated
  Proper shipping name Not applicable
  Status Not applicable
  Packing group Not applicable

IMDG (Marine Transport): Classification: Not regulated
  Proper shipping name Not applicable
  Class Not applicable
  Subsidiary Risk Not applicable
  Packing group Not applicable
  IMDG Page Not applicable
  Marine pollutant Not applicable
  EMS Not applicable
  MFAG Not applicable
  Maximum Quantity Not applicable

IATA/ICAO (Air): Classification: Not regulated
  Proper shipping name Not applicable
  Class Not applicable
  Subsidiary Risk: Not applicable
  Packing group Not applicable
  Maximum Quantity Not applicable

15. Regulatory Information

Occupational Safety and Health Administration (OSHA)
  29 CFR 1910.1200 hazardous
  chemical No
US Federal regulations

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components of this product are either on the Toxic Substances Control Act list (TSCA) or exempt.

Product Registration: Registered with FDA

U.S. - CAA (Clean Air Act) - HON Rule - SOCMI Chemicals
Propylene glycol 57-55-6 Group I

U.S. - CAA (Clean Air Act) - Reactivity Factors for VOCs in Aerosol Coatings
Alcohol 64-17-5 1.69 G Ozone/g VOC Reactivity Factor
Propylene glycol 57-55-6 2.75 G Ozone/g VOC Reactivity Factor

U.S. - CAA (Clean Air Act) - Volatile Organic Compounds (VOCs) in SOCMI
Alcohol 64-17-5 Present
Propylene glycol 57-55-6 Present

CERCLA (Superfund) reportable quantity
None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

Section 302 extremely hazardous substance No
Section 311 hazardous chemical No

Clean Water Act (CWA) Not available

State regulations
This product is not subject to warning labeling under the California Proposition 65 regulation.

U.S. - Massachusetts - Right To Know List
Alcohol 64-17-5 Teratogen

U.S. - Minnesota - Hazardous Substance List
Alcohol 64-17-5 Present
Propylene glycol 57-55-6 Present

U.S. - New Jersey - Right to Know Hazardous Substance List
Alcohol 64-17-5 sn 0844
Propylene glycol 57-55-6 sn 3595

U.S. - Pennsylvania - RTK (Right to Know) List
Alcohol 64-17-5 Present
Propylene glycol 57-55-6 Present

U.S. - Rhode Island - Hazardous Substance List
Alcohol 64-17-5 Toxic; Flammable
Propylene glycol 57-55-6 Flammable

Inventory status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

16. Other Information

Disclaimer

This product should only be used as directed on the label and for the purpose intended. To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.
Further information

DUREX® Play Utopia, 0.51 fl oz - MF000051v1.0

Issue date
10-Apr-2013

Effective date
01-Apr-2013

Prepared by
Reckitt Benckiser Regulatory Department 800-333-3899

Other information
For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.