

# SAFETY DATA SHEET

Lysol® Brand Disinfectant Spray, All Scents (Aerosol)



HEALTH • HYGIENE • HOME

## 1. Product and company identification

**Product name** : Lysol® Brand Disinfectant Spray, All Scents (Aerosol)

**Supplier** : Reckitt Benckiser (Canada) Inc.  
1680 Tech Avenue, Unit #2  
Mississauga, Ontario L4W 5S9  
CANADA  
Telephone: +1 905 283 7000

**Material uses** : Multipurpose Cleaner

**Product use** : Consumer

**SDS #** : D0224478 v5.0

**Formulation #:** : 1178-172 (0175917 v1.0 & 0242193 v2.0) Crisp Linen  
1338-015 (0175918 v1.0 & 0258756 v1.0) Spring Waterfall  
1338-018 (0175934 v1.0) Green Apple / Green Apple Breeze  
1338-021 (0175938 v1.0) Crisp Berry  
1338-019 (0175919 v1.0) Country  
1338-026 (0175929 v1.0) Country Morning Breeze  
1338-017 (0172927 v1.0) Lemon Breeze

**DIN #** : 02395614

**UPC Code / Sizes** : Tin plate steel cans  
Crisp Linen - 6 oz, 12.5 oz, 19 oz, 350g  
"To Go" Crisp Linen - 1 oz, 28 g  
Spring Waterfall - 12.5 oz, 19 oz, 350g  
Green Apple - 350g  
Crisp Berry - 12.5 oz, 19 oz, 350g  
Country - 350g  
Country Morning Breeze - 350g  
Lemon Breeze - 200g, 350g and 539g

**Manufacturer** : Reckitt Benckiser LLC.  
Morris Corporate Center IV  
399 Interpace Parkway (P.O. Box 225)  
Parsippany, New Jersey 07054-0225  
+1 973 404 2600

**Validation date** : 23/04/2015.

**Emergency telephone number** : 1-800-338-6167

**Transport Emergency phone:** : 1-800-424-9300 (U.S. & Canada) CHEMTREC  
Outside U.S. and Canada (North America), call Chemtrec:703-527-3887

## 2. Hazards identification

### Emergency overview

- Physical state** : Liquid. [Aerosol.]
- Color** : Clear.
- Odor** : Characteristic.
- Signal word:** : DANGER
- Hazard statements** : EXTREMELY FLAMMABLE.  
CONTAINER MAY EXPLODE IF HEATED
- Precautionary measures** : Keep out of reach of children. CONTENTS UNDER PRESSURE. Keep away from flames or sparks. Do not puncture, incinerate or store the container at temperatures above 120°F or in direct sunlight. Use only with adequate ventilation. Avoid contact with eyes and Food. Wash thoroughly after handling.
- OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

### Potential acute health effects

- Skin** : Slightly irritating to the skin.
- Eyes** : Moderately irritating to eyes.

### Potential chronic health effects

- Chronic effects** : Contains material that may cause target organ damage, based on animal data.
- Carcinogenicity** : Contains material which can cause cancer. Risk of cancer depends on duration and level of exposure.
- Target organs** : Contains material which may cause damage to the following organs: blood, lungs, the reproductive system, liver, heart, upper respiratory tract, skin, eyes, central nervous system (CNS).

### Over-exposure signs/symptoms

- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing
- Eyes** : Adverse symptoms may include the following:  
irritation  
redness
- Medical conditions aggravated by over-exposure** : Pre-existing disorders involving any target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.
- Hazard statements** :

## 3. Composition/information on ingredients

| Name     | CAS number | %       |
|----------|------------|---------|
| Ethanol  | 64-17-5    | 30 - 60 |
| n-butane | 106-97-8   | 5 - 10  |
| Propane  | 74-98-6    | 1 - 2.5 |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

## 4. First aid measures

### First aid

- Eye contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
- Skin contact** : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.
- Inhalation** : Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
- Ingestion** : Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
- Protection of first-aiders** : Use personal protective equipment as required.
- Notes to physician** : Contains denatured ethanol; ingestion may result in ethanol poisoning.

## 5. Fire-fighting measures

- Flammability Remark** : Not available.
- Explosibility Remark** : Not available.
- Flammability of the product** Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.
- Extinguishing media**
- Suitable** Use an extinguishing agent suitable for the surrounding fire.
- Not suitable** None known.
- Special hazards arising from the substance or mixture**
- Special exposure hazards** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Hazardous thermal decomposition products** Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide
- NFPA (30B) aerosol Flammability** Level 1
- Fire or projection hazard.** Aerosol cans may explode with extreme heat and become projectiles.
- Advice for firefighters**
- Special protective equipment for fire-fighters** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
- Special remarks on explosion hazards**
- Sensitivity to mechanical impact** Not available.
- Sensitivity to static discharge** Not available.

## 6. Accidental release measures

**Personal precautions** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods for cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## 7. Handling and storage

**Handling** : Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Avoid exposure - obtain special instructions before use. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing gas. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Empty containers retain product residue and can be hazardous.

Do not puncture or incinerate CONTENTS UNDER PRESSURE

**Storage** : Do not store above the following temperature: 50°C (120°F). Store in accordance with local regulations. Store in a segregated and approved area. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Use appropriate containment to avoid environmental contamination.

## 7. Handling and storage

CONTAINERS SHOULD BE KEPT OUT OF REACH OF CHILDREN. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn after use. Keep away from all sources of ignition. Fires involving flammable aerosols are severe and can spread very quickly. Warehouses and stores containing aerosols should therefore be separated from other areas by a fire resistant construction of at least one half hour duration. Stores should be well ventilated, particularly at low levels. The natural ventilation in a large open warehouse building will normally be suitable. Avoid the storage of aerosols in basements where practicable.

**EPA Product** : It is a violation of federal law to use this product in a manner inconsistent with its labeling.

## 8. Exposure controls/personal protection

| <u>Occupational exposure limits</u> |                 | TWA (8 hours) |                   |       | STEL (15 mins) |                   |       | Ceiling (ACGIH TLV) |                   |       | Notations |
|-------------------------------------|-----------------|---------------|-------------------|-------|----------------|-------------------|-------|---------------------|-------------------|-------|-----------|
| Ingredient                          | List name       | ppm           | mg/m <sup>3</sup> | Other | ppm            | mg/m <sup>3</sup> | Other | ppm                 | mg/m <sup>3</sup> | Other |           |
| butane                              | US ACGIH 6/2013 | -             | -                 | -     | 1000           | -                 | -     | -                   | -                 | -     |           |
|                                     | AB 4/2009       | 1000          | -                 | -     | -              | -                 | -     | -                   | -                 | -     |           |
|                                     | BC 7/2013       | 600           | -                 | -     | 750            | -                 | -     | -                   | -                 | -     |           |
|                                     | ON 1/2013       | 800           | -                 | -     | -              | -                 | -     | -                   | -                 | -     |           |
|                                     | QC 12/2012      | 800           | 1900              | -     | -              | -                 | -     | -                   | -                 | -     |           |
| ethanol                             | US ACGIH 6/2013 | -             | -                 | -     | 1000           | -                 | -     | -                   | -                 | -     |           |
|                                     | AB 4/2009       | 1000          | 1880              | -     | -              | -                 | -     | -                   | -                 | -     |           |
|                                     | BC 7/2013       | -             | -                 | -     | 1000           | -                 | -     | -                   | -                 | -     |           |
|                                     | ON 1/2013       | -             | -                 | -     | 1000           | -                 | -     | -                   | -                 | -     |           |
|                                     | QC 12/2012      | 1000          | 1880              | -     | -              | -                 | -     | -                   | -                 | -     |           |
| propane                             | AB 4/2009       | 1000          | -                 | -     | -              | -                 | -     | -                   | -                 | -     |           |
|                                     | BC 7/2013       | 1000          | -                 | -     | -              | -                 | -     | -                   | -                 | -     |           |
|                                     | ON 1/2013       | 1000          | -                 | -     | -              | -                 | -     | -                   | -                 | -     |           |
|                                     | QC 12/2012      | 1000          | 1800              | -     | -              | -                 | -     | -                   | -                 | -     |           |

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### Manufacturer: Exposure controls

**Engineering measures** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

## 8. Exposure controls/personal protection

### Personal protection

- Respiratory** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Hands** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.  
When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
- Other protection** : Not available.

## 9. Physical and chemical properties

- Physical state** : Liquid. [Aerosol.]
- Flash point** : Closed cup: 25.6°C (78.1°F)
- Burning time** : Not applicable.
- Burning rate** : Not applicable.
- Auto-ignition temperature** : Not available.
- Flammable limits** : Not available.
- Color** : Clear.
- Odor** : Characteristic.
- Taste** : Not available.
- Molecular weight** : Not applicable.
- Molecular formula** : Not applicable.
- pH** : 10.8 to 11.8 [Conc. (% w/w): 100%]
- Boiling/condensation point** : Not available.
- Melting/freezing point** : Not available.
- Critical temperature** : Not available.
- Relative density (g/ml)** : 0.8667 to 0.8967 g/cm<sup>3</sup> [20 to 25°C]
- Bulk density** : 7.1 to 7.5 lbs/gal
- Vapor pressure** : Not available.

D0224478 v5.0

## 9. Physical and chemical properties

|  |  |
|--|--|
| <b>Vapor density</b>                         | : Not available.   |
| <b>Volatility</b>                            | : Not available.   |
| <b>Odor threshold</b>                        | : Not available.   |
| <b>Evaporation rate</b>                      | : Not available.   |
| <b>SADT</b>                                  | : Not available.   |
| <b>Viscosity</b>                             | : Not available.   |
| <b>Ionicity (in water)</b>                   | : Not available.   |
| <b>Dispersibility properties</b>             | : Not available.   |
| <b>Solubility</b>                            | : Easily soluble in the following materials: cold water and hot water. |
| <b>Physical/chemical properties comments</b> | : Not available.   |
| <b><u>Aerosol product</u></b>                |  |
| <b>Type of aerosol</b>                       | : Spray  |
| <b>Heat of combustion</b>                    | : 21.41 kJ/g   |
| <b>Ignition distance</b>                     | : <45.72 cm  |

## 10. Stability and reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | : No specific test data related to reactivity available for this product or its ingredients.   |
| <b>Chemical stability</b>                 | : The product is stable.   |
| <b>Conditions to avoid</b>                | : Avoid all possible sources of ignition (spark or flame).<br>Keep away from extreme heat. Protect from moisture. Keep from freezing.<br>Do not store above 50°C |
| <b>Incompatible materials</b>             | : Do not mix with household chemicals.   |
| <b>Hazardous decomposition products</b>   | : Under normal conditions of storage and use, hazardous decomposition products should not be produced.   |
| <b>Possibility of hazardous reactions</b> | : Under normal conditions of storage and use, hazardous reactions will not occur.  |

## 11. Toxicological information

### Acute toxicity

| Product/ingredient name                                | Result                | Species | Dose                     | Exposure                                    |
|--|-----------------------|---------|--------------------------|---|
| butane   | LC50 Inhalation Vapor | Rat     | 658000 mg/m <sup>3</sup> | 4 hours                                     |
| ethanol  | LC50 Inhalation Vapor | Rat     | 124700 mg/m <sup>3</sup> | 4 hours                                     |
|  | LD50 Oral             | Rat     | 7 g/kg                   | -   |
| *Lysol® Brand Disinfectant Spray, All Scents (Aerosol) | LC50 Inhalation Vapor | Rat     | >2.12 mg/l               | 4 hours<br>Maximum attainable concentration |

**Conclusion/Summary** : Not classified Harmful. \*Information is based on toxicity test result of the concentrate of a similar product.

### Chronic toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|-------------------------|--------|---------|------|----------|
| Not available.          |        |         |      |          |

**Conclusion/Summary** : Not available.

D0224478 v5.0

## 11. Toxicological information

### Irritation/Corrosion

| Product/ingredient name                                | Result  | Species | Score | Exposure            | Observation |
|--|---|---------|-------|---------------------|-------------|
| ethanol  | Eyes - Moderate irritant                      | Rabbit  | -     | 0.066666667 minutes | -           |
|  | Eyes - Mild irritant                          | Rabbit  | -     | 100 milligrams      | -           |
|  | Eyes - Moderate irritant                      | Rabbit  | -     | 24 hours            | -           |
|  | Eyes - Severe irritant                        | Rabbit  | -     | 500 milligrams      | -           |
|  | Skin - Mild irritant                          | Rabbit  | -     | 100 microliters     | -           |
|  | Skin - Moderate irritant                      | Rabbit  | -     | 500 milligrams      | -           |
|  |   |         |       | 400 milligrams      | -           |
| *Lysol® Brand Disinfectant Spray, All Scents (Aerosol) | Eyes - Cornea opacity                         | Rabbit  | < 1   | 24 hours            | -           |
|  | Skin - Primary dermal irritation index (PDII) | Rabbit  | 0.3   | 20 milligrams       | 4 days      |
|  |   |         |       | 72 hours            | 72 hours    |

**Conclusion/Summary** : Not available.

**Skin** : Slightly irritating to the skin. \*Information is based on toxicity test result of the concentrate of a similar product.

**Eyes** : Moderately irritating to eyes. \*Information is based on toxicity test result of the concentrate of a similar product.

**Respiratory** : Not available.

### Sensitizer

| Product/ingredient name | Route of exposure | Species | Result |
|-------------------------|-------------------|---------|--------|
| Not available.          |                   |         |        |

**Conclusion/Summary** : Not available.

**Skin** : Not available.

**Respiratory** : Not available.

### Carcinogenicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|-------------------------|--------|---------|------|----------|
| Not available.          |        |         |      |          |

**Conclusion/Summary** : Not available.

### Classification

| Product/ingredient name | ACGIH | IARC | EPA | NIOSH | NTP | OSHA |
|-------------------------|-------|------|-----|-------|-----|------|
| ethanol                 | A3    | 1    | -   | -     | -   | -    |

### Mutagenicity

| Product/ingredient name | Test | Experiment | Result |
|-------------------------|------|------------|--------|
| Not available.          |      |            |        |

**Conclusion/Summary** : Not available.

### Teratogenicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|-------------------------|--------|---------|------|----------|
| Not available.          |        |         |      |          |

**Conclusion/Summary** : Not available.

D0224478 v5.0

## 11. Toxicological information

### Reproductive toxicity

| Product/ingredient name | Maternal toxicity | Fertility | Development toxin | Species | Dose | Exposure |
|-------------------------|-------------------|-----------|-------------------|---------|------|----------|
| Not available.          |                   |           |                   |         |      |          |

**Conclusion/Summary** : Not available.

## 12. Ecological information

**Ecotoxicity** : No known significant effects or critical hazards.

### Aquatic ecotoxicity

| Product/ingredient name | Result                               | Species                                    | Exposure |
|-------------------------|--------------------------------------|--|----------|
| ethanol                 | Acute EC50 17.921 mg/l Marine water  | Algae - Ulva pertusa                       | 96 hours |
|                         | Acute EC50 2000 µg/l Fresh water     | Daphnia - Daphnia magna                    | 48 hours |
|                         | Acute LC50 25500 µg/l Marine water   | Crustaceans - Artemia franciscana - Larvae | 48 hours |
|                         | Acute LC50 42000 µg/l Fresh water    | Fish - Oncorhynchus mykiss                 | 4 days   |
|                         | Chronic NOEC 4.995 mg/l Marine water | Algae - Ulva pertusa                       | 96 hours |
|                         | Chronic NOEC 0.375 ul/L Fresh water  | Fish - Gambusia holbrooki - Larvae         | 12 weeks |

**Conclusion/Summary** : Not available.

### Persistence/degradability

| Product/ingredient name | Test | Result | Dose | Inoculum |
|-------------------------|------|--------|------|----------|
| Not available.          |      |        |      |          |

**Conclusion/Summary** : Not available.

**Partition coefficient: n-octanol/water** : Not available.

**Bioconcentration factor** : Not available.

**Mobility** : Not available.

**Toxicity of the products of biodegradation** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## 13. Disposal considerations

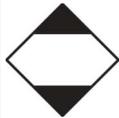
**Waste disposal** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

D0224478 v5.0

## 14. Transport information

For long distance transport of bulk material or shrunk pallet take into consideration sections 7 and 10.

| Regulatory information | UN number | Proper shipping name | Classes | PG* | Label  | Additional information |
|------------------------|-----------|----------------------|---------|-----|--|------------------------|
| DOT Classification     | UN1950    | Aerosols, flammable  | 2.1     | -   |   | Limited quantity       |
| TDG Classification     | UN1950    | Aerosols, flammable  | 2.1     | -   |   | Limited quantity       |
| Mexico Classification  | UN1950    | Aerosols, flammable  | 2.1     | -   |   | Limited quantity       |
| IMDG Class             | UN1950    | Aerosols, flammable  | 2.1     | -   |   | Limited quantity       |
| IATA-DGR Class         | UN1950    | Aerosols, flammable  | 2.1     | -   |  | See DG List            |

PG\* : Packing group

## 15. Regulatory information

### United States

**U.S. Federal regulations** : TSCA 8(a) PAIR: 2-methylpropan-2-ol  
 SARA 302/304: No products were found.  
 SARA 311/312 Hazards identification: Fire hazard, Delayed (chronic) health hazard  
 Clean Water Act (CWA) 311: ammonia  
 Clean Air Act (CAA) 112 regulated flammable substances: butane; propane

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

### SARA 311/312 HCS 1994

Classification : Fire hazard  
 Delayed (chronic) health hazard

### Composition/information on ingredients

D0224478 v5.0

## 15. Regulatory information

| Name    | %       | Fire hazard | Sudden release of pressure | Reactive | Immediate (acute) health hazard | Delayed (chronic) health hazard |
|---------|---------|-------------|----------------------------|----------|---------------------------------|---------------------------------|
| butane  | 5 - 10  | Yes.        | Yes.                       | No.      | No.                             | Yes.                            |
| ethanol | 30 - 60 | Yes.        | No.                        | No.      | Yes.                            | Yes.                            |
| propane | 1 - 2.5 | Yes.        | Yes.                       | No.      | No.                             | Yes.                            |

### State regulations

- Massachusetts** : The following components are listed: ETHYL ALCOHOL; BUTANE; PROPANE
- New York** : None of the components are listed.
- New Jersey** : The following components are listed: ETHYL ALCOHOL; ALCOHOL; BUTANE; PROPANE
- Pennsylvania** : The following components are listed: DENATURED ALCOHOL; BUTANE; PROPANE

### Canada

- WHMIS (Canada)** : Class B-2: Flammable liquid  
Class B-5: Flammable aerosol.

### Canadian lists

- Canadian NPRI** : The following components are listed: Ethanol; Butane (all isomers); Propane
- CEPA Toxic substances** : None of the components are listed.
- Canada inventory** : Not determined.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

## 16. Other information

**Hazardous Material Information System (U.S.A.)** :

|                     |   |
|---------------------|---|
| Health              | 1 |
| Flammability        | 3 |
| Physical hazards    | 0 |
| Personal protection | B |

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

**National Fire Protection Association (U.S.A.)** :



NFPA (30B) aerosol Flammability Level 1

D0224478 v5.0

## 16. Other information

Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

**Date of issue** : 23/04/2015.  
**Date of previous issue** : 22/04/2015.  
**Version** : 5  
**Prepared by** : Reckitt Benckiser LLC.  
Product Safety Department  
1 Philips Parkway  
Montvale, New Jersey 07646-1810 USA.  
FAX: 201-476-7770

**Revision comments** : Update & Revision of the SDS. Addition of formula #0175927.

✔ Indicates information that has changed from previously issued version.

### Notice to reader

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.