




# Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

|   |  |   |
|---|--|---|
|  | WHMIS Class D-2B: Material causing other toxic effects (TOXIC).                | HCS Class: Irritating substance.                |
| WHMIS (Pictograms)  | WHMIS (Classification)   | HCS   |
| <b>Section 1. Chemical Product and Company Identification</b>                     |  |   |
| Product Name/<br>Trade name   | <b>Best Scent Lemon Zest RTU Odor<br/>Eliminator</b>                           | Code 233  |
| Synonym   | Odor Counteractant   | Version Number 1.0                              |
| Chemical Family   | Not available.   | Validation Date 11/2/2009                       |
| Chemical Formula  | Not applicable.  | Print Date 11/2/2009                            |
| Manufacturer/ Supplier  | Betco Corporation<br>1001 Brown Avenue<br>Toledo, Ohio 43607<br>(419) 241-2156 | In Case of<br>Emergency Chemtrec (800) 424-9300 |
| TSCA  | TSCA Inventory: All components listed or are exempt from listing.              |   |
| DSL/ NDSL   | All components listed unless noted elsewhere on this MSDS                      |   |
|   |  | Protective Clothing                             |

| Section 2. Composition and Information on Ingredients |            |             |                 |                                    |
|---|------------|-------------|-----------------|------------------------------------|
| Name  | CAS #      | % by Weight | Exposure Limits | LC <sub>50</sub> /LD <sub>50</sub> |
| Alcohol Alkoxylate                                    | 68439-46-3 | <1          | Not available.  | Not available.                     |

| Section 3. Hazards Identification |   |
|-----------------------------------|---|
| Potential Acute Health Effects    | Mildly irritating to the eyes. Vomiting and Diarrhea possible             |
| Potential Chronic Health Effects  | Repeated skin exposure can produce local skin destruction, or dermatitis. |
| Carcinogenic Effects              | Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.                |

| Section 4. First Aid Measures |   |
|-------------------------------|---|
| Eye Contact                   | Flush eyes with large quantities of water. Seek medical attention if irritation persists. |
| Skin Contact                  | Flush with water. Seek medical attention if irritation persists.                          |
| Inhalation                    | N/A   |
| Ingestion                     | Dilute with two glasses of water. Seek medical attention.                                 |

MSDS# 397 ITEM# 458140

### Section 5. Fire Fighting Measures

Products of Combustion Not available.

Fire Fighting Media and Instructions N/A

Special Remarks on Fire Hazards N/A

Special Remarks on Explosion Hazards N/A

### Section 6. Accidental Release Measures

Small Spill and Leak Safety glasses recommended.

Large Spill and Leak Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Personal Protection in Case of a Large Spill Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient

### Section 7. Handling and Storage

Precautions Avoid contact with eyes.

Incompatibility None known.

Storage Keep out of reach of children. For Institutional and Commercial Use

### Section 8. Exposure Controls/Personal Protection

Engineering Controls Good general ventilation should be sufficient to control airborne levels.

Personal Protection

*Eyes* No special protective clothing is required.

*Body* No special protective clothing is required.

*Respiratory* No special protective clothing is required.

*Hands* Gloves.

Protective Clothing (Pictograms)

Exposure Limits See Section 2 For Applicable Exposure Limits

### Section 9. Physical and Chemical Properties

Physical State and Appearance Liquid. (Thin Liquid)

Odor LemonStrong.)

Molecular Weight Not applicable.

Taste Not available.

pH 7 to 9 [Basic.]

Color Straw color. to Amber.

Boiling/Condensation Point 212°F initial

Melting/Freezing Point Not available.

Critical Temperature Not available.

Instability Temperature Not available.

Specific Gravity 0.9961 (Water = 1)

Vapor Pressure Not Determined

Vapor Density >1 (Air = 1)

|   |   |
|---|---|
| Volatility  | >90%                                    |
| VOC   | <1% By Weight                           |
| Evaporation Rate                                    | <1                                      |
|   |   |
|   |   |
| Dispersion Properties                               | See solubility in water.                |
| Solubility  | Easily soluble in cold water.           |
| The Product is:                                     | May be combustible at high temperature. |
| Auto-ignition Temperature                           | Not available.                          |
| Flash Points  | CLOSED CUP: >98.889°C (210°F).          |
| Flammable Limits                                    | Not available.                          |
| Fire Hazards in Presence of Various Substances      | Non-flammable.                          |
| Explosion Hazards in Presence of Various Substances | Not applicable                          |

### Section 10. Stability and Reactivity Data

|   |                        |
|---|------------------------|
| Stability                               | The product is stable. |
| Incompatibility with Various Substances | None known.            |
| Hazardous Decomposition Products        | Will not occur.        |

### Section 11. Toxicological Information

|  |   |
|--|---|
| Routes of Entry                              | Eye contact.  |
| Toxicity to Animals                          | LD50: Not available.<br>LC50: Not available.  |
| Acute Effects on Humans                      |   |
|  | <i>Eyes</i> Eye irritant. May cause redness and swelling of the conjunctiva.  |
|  | <i>Skin</i> Defatting to skin on repeated contact.  |
|  | <i>Inhalation</i> Slightly irritating to the respiratory system.(upon overexposure)                                 |
|  | <i>Ingestion</i> May be irritating to the gastrointestinal system. Vomiting and diarrhea expected with large doses. |
| Chronic Effects on Humans                    | Repeated skin exposure can produce local skin destruction, or dermatitis.   |
| Special Remarks on Toxicity to Animals       | No additional remark.   |
| Special Remarks on Chronic Effects on Humans | No additional remark.   |

## Section 12. Ecological Information

|   |   |
|---|---|
| Ecotoxicity                                       | Not available.  |
| BOD5 and COD                                      | Not available.  |
| Products of Biodegradation                        | Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. |
| Toxicity of the Products of Biodegradation        | Not available.  |
| Special Remarks on the Products of Biodegradation | No additional remark.   |

## Section 13. Disposal Considerations

|                   |  |
|-------------------|--|
| Waste Information | Waste must be disposed of in accordance with federal, state and local environmental control regulations. |
| Waste Stream      | Not available.   |

## Section 14. Transport Information

DOT (U.S.A)  
(Pictograms)



TDG Classification Not controlled under TDG (Canada).



PIN UN, Proper Shipping Name, PG Not applicable.

Maritime Transportation Not available.

Special Provisions for Transport Not available.

## Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification) WHMIS Class D-2B: Material causing other toxic effects (TOXIC).



Regulatory Lists No products were found.

Other Regulations Not available. or of its ingredients

Other Classifications

HCS (U.S.A.)

HCS Class: Irritating substance.

USA Regulatory Lists

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm at or above Safe Harbor Levels unless specifically noted below.

Pennsylvania RTK: Ethanol

Florida: Ethanol

Minnesota: Ethanol

Massachusetts RTK: Ethanol

New Jersey: Ethanol

Clean air act (CAA) 112 regulated flammable substances: Ethanol

DSD (EEC)

This product is not classified according to the EU regulations.

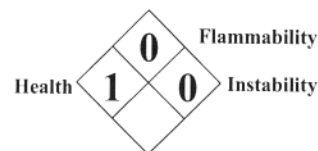
International  
Regulations Lists

No products were found.

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

|                 |   |
|-----------------|---|
| Health          | 1 |
| Flammability    | 0 |
| Physical Hazard | 0 |

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



The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

**Section 16. Other Information**

Validated by CRushton on 11/2/2009.

Verified by CRushton.

Printed 11/2/2009.

**Information Contact Betco Corporation**  
1001 Brown Avenue  
Toledo, Ohio 43607

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.*

Validated on 11/2/2009.

**Best Scent Lemon Zest RTU Odor  
Eliminator**

**Page: 5/5**

**Continued on Next Page**