

# Material Safety Data Sheet

|                                |                                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Product Name/Trade Name</b> | <b>Boardwalk Heavy Duty Degreaser</b>                                                            |
| <b>Manufactured for:</b>       | SKU# BWK 344-4<br>LAGASSE, Inc.<br>One Parkway North<br>Deerfield, IL 60015<br>Tel: 800-989-7847 |
| <b>Contact Number:</b>         | RP                                                                                               |
| <b>Prepared By:</b>            | RP                                                                                               |
| <b>Date Last Revised:</b>      | <b>June 15, 2010</b>                                                                             |
| <b>Replaces Date:</b>          | New                                                                                              |

## Section 2 Hazardous Ingredients

| Name                    | %   | CAS#       | LD50/LC50                       |
|-------------------------|-----|------------|---------------------------------|
| 2-Butoxyethoxyethanol   | 3-5 | 112-34-5   | 7992mg/kg (oral rat)/ NAv       |
| Alcohols c11 Ethoxylate | 1-5 | 34398-01-1 | 700-1700 mg/kg (oral rat) / NAv |

## Section 3 Physical Data

|                         |               |                        |              |
|-------------------------|---------------|------------------------|--------------|
| <b>State</b>            | Liquid        | <b>PH</b>              | 12.0 – 13.0  |
| <b>Appearance</b>       | Clear Purple  | <b>% Volatile</b>      | 90.0 approx. |
| <b>Odour</b>            | Mint          | <b>Boiling Point</b>   | N Av.        |
| <b>Specific Gravity</b> | 1.030 – 1.050 | <b>Vapour Pressure</b> | N Av.        |
| <b>Solubility</b>       | 100% in water |                        |              |

## Section 4 Fire & Explosion

|                                       |                                                               |    |   |
|---------------------------------------|---------------------------------------------------------------|----|---|
| <b>Flammable:</b>                     | YES                                                           | NO | X |
| <b>Means of Extinction:</b>           | Water, Carbon Dioxide, Dry Chemical or Foam                   |    |   |
| <b>Special Procedures:</b>            | Fire Fighters should wear self-contained breathing apparatus. |    |   |
| <b>Flash Point: &amp; Method:</b>     | > 95°C TCC                                                    |    |   |
| <b>Hazardous Combustion Products:</b> | Oxides of Carbon                                              |    |   |

## Section 5 Reactivity Data

|                                          |                |   |    |
|------------------------------------------|----------------|---|----|
| <b>Chemical Stability:</b>               | YES            | X | NO |
| <b>Conditions:</b>                       | N Ap           |   |    |
| <b>Incompatibility:</b>                  | YES            | X | NO |
| <b>What Substances:</b>                  | Strong Acids   |   |    |
| <b>Reactivity / Conditions:</b>          | Not Applicable |   |    |
| <b>Hazardous Decomposition Products:</b> | NAv.           |   |    |

**BOARDWALK HEAVY DUTY DEGREASER**

## Section 6 Toxicological Properties

### Route of Entry

|                  |   |                    |             |   |
|------------------|---|--------------------|-------------|---|
| Skin Contact     | X | Skin Absorption    | Eye Contact | X |
| Inhalation Acute | X | Inhalation Chronic | Ingestion   | X |

**Effects of Acute Exposure:** Contact will burn the eyes. Harmful if swallowed, will cause burning of the mouth and throat, gastro-intestinal irritation, nausea, vomiting and diarrhea. Inhalation of mists will irritate nose and throat.

**Effects of chronic exposure:** Prolonged and repeated contact with skin will cause drying, irritation and dermatitis.

**Carcinogenicity Reproductive Effects:** Teratogenicity Mutagenicity  
No known effects.

## Section 7 Preventative Measures

### Protective Equipment

|              |                       |           |                       |
|--------------|-----------------------|-----------|-----------------------|
| Gloves:      | Not normally required | Eyes:     | Not normally required |
| Respiratory: | Not normally required | Footwear: | Not Applicable        |

**Leak & spill Procedure:** For small spills wipe up or mop up. For large spills control spill with absorbent; transfer to non-leaking containers. Rinse area thoroughly.

**Waste Disposal:** Reclaim or dispose in accordance with local regulations.

**Storage Requirements:** Store in cool, dry and well ventilated area.

## Section 8 First Aid Measures

**Skin:** Wash with soap and water for 15 minutes.

**Eyes:** Flush eyes with cool running water holding eye lids apart to ensure thorough rinsing for 15 minutes. Remove contact lenses.

**Inhalation:** Move to fresh air and restore breathing, if required.

**Ingestion:** DO NOT INDUCE VOMITING! Drink large amounts of water. Do not give anything by mouth to a convulsing or unconscious person. See a doctor immediately.

**General Advice:** If irritation persists see a doctor immediately.

## Section 9 Regulatory Information

### WHMIS:

**Health:** 1

**Flammability:** 0

**Reactivity:** 0

### DOT: Not Regulated

As the handling and use of products under user's conditions are beyond our control, no warranty, expressed or implied, is made concerning this product. The information contained herein is offered only as a guide to the handling of this specific material and is not intended to be all-inclusive in the manner and conditions of use and handling. The user assumes all risks of use or handling, whether or not in accordance with any directions or suggestions of the manufacturer. Manufacturer shall not be liable to purchaser or any other person for loss or damages directly or indirectly arising from the use of our product.