

Material Safety Data Sheet

Boardwalk Vinegar Cleaner

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name Boardwalk Vinegar Cleaner
Sku# BWK 704-8

Company LAGASSE, Inc.
One Parkway North
Deerfield, IL
USA 60015

Telephone: 800-989-7847

Prepared By Product Development KIK Classic Division
Last Revised Date March 12, 2012
Replaces Date New

SECTION 2: HAZARD IDENTIFICATION

General Advice: May causes eye and skin irritant. If irritation occurs see a doctor immediately. Keep out of reach of children and pets.

Routes of Exposure: Eyes, Skin, Inhalation, Ingestion

Potential Health Effects:

Eyes: Eye irritant.

Skin: May cause skin irritation. Not expected to be a skin sensitizer.

Inhalation: None expected during normal conditions of use.

Ingestion: Health injuries are not known or expected under normal use.

Target organs: Eyes. Skin.

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

Signs and symptoms: Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nauseas and vomiting.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<i>Chemical Name</i>	<i>Concentration</i>	<i>CAS No.</i>	<i>Worker Exposure Limit</i>
Water	90% - 100%	7732-18-5	none
Acetic Acid	3% - 7%	64-19-7	Not Established

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SECTION 4: FIRST AID MEASURES

Eyes: Flush eyes with cool running water holding eyelids apart to ensure thorough rinsing for at least 15 minutes. Remove contact lenses after first few minutes of rinsing and then continue the rinsing. See doctor immediately.

Skin: Remove contaminated clothing. Immediately wash the skin with copious amount of water for at least 15 minutes. If irritation persists, call a doctor.

Inhalation: Move to fresh air immediately and restore breathing. If breathing problems develop, call a doctor immediately.

Ingestion: DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL! Drink 1 or 2 glasses of water. Do not give anything by mouth to a convulsing or unconscious person. See a doctor immediately.

SECTION 5: FIRE FIGHTING MEASURES

This product is neither flammable nor explosive.

Suitable extinguishing media : Treat for surrounding material.

Protective equipment for fire-fighters : As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Always contained all type of spills. Be sure to wear protective equipment (see Section 8)

Leak and Spill Procedure: Rinse with water, mop up, dispose of in accordance with local, state/provincial and federal regulations. If necessary, neutralize the residue with weak base.

Large Spills: Contain run-off by diking with suitable material. Soak up liquid on inert absorbent and transfer to approved container for disposal by approved methods. If necessary, neutralize the residue with weak base. Use a water rinse for final clean-up.

SECTION 7: HANDLING AND STORAGE

Handling: Use only as directed. Avoid any contact with eyes, skin and clothing. When using, do not eat or drink.

Storage: Store in a cool, dry and well-ventilated area. Always keep the container closed when not in use. KEEP OUT OF REACH OF CHILDREN AND PETS.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Household Setting

Eyes Protection – No special requirements under normal use conditions.

Hand Protection – Use gloves for prolonged exposure.

Footwear – No special requirements under normal use conditions.

Respiratory protection – Not normally required.

Industrial Setting

Eyes Protection – Wear splash-resistant chemical goggles.

Hand Protection – Use suitable gloves.

Footwear – No special requirements under normal use conditions.

Respiratory protection – If ventilation is not sufficient to prevent vapor build up, use appropriate NIOSH/MSHA respiratory protection

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid
Appearance	: Clear
Color	: Colorless
Odor	: Acetic Acid (Strong)
pH	: 2.20 – 2.80
Specific Gravity	: 1.005 minimum (water = 1)
Viscosity	: Water thin
Water Solubility	: Complete
Boiling Point	: 212°F
Melting Point	: no data available
Freezing point	: no date available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable under normal use and storage conditions.

Conditions to avoid: Temperature above 40°C, sunlight and metals.

Materials to avoid: DO NOT MIX WITH BLEACH or with other household products containing bases and/or acids, rust removers, urea or ammonia producing hazardous gases such as chlorine and other chlorinated species.

Reactivity: Reacts violently with strong oxidizing agents, acetaldehyde, and acetic anhydride. Material can react with metals, strong bases, amines, carbonates, hydroxides, phosphates, many oxides, cyanides, sulfides, chromic acid, perchloric acid, permanganates, xylene, oleum, potassium hydroxide, sodium hydroxide, phosphorus isocyanate, ethylenediamine, ethyleneimine.

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SECTION 11: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	: LD ₅₀ > 5000 mg/kg (rat)
Acute dermal toxicity	: LD50 > 2,000 mg/kg (rabbit)
Chronic toxicity	: None Known
Carcinogenic Effects	: None Known
Mutagenic Effects	: None Known
Reproductive Toxicity	: None Known

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity effects : Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Reclaim or dispose in accordance with local regulations.

SECTION 14: TRANSPORTATION INFORMATION

U.S. DOT and Canadian TDG land Transportation

Not a DOT regulated material (USA)
Not regulated under TDG.

IMDG Sea Transport

Not regulated under IMDG

IATA Air Transport

Not regulate under IATA.

SECTION 15: REGULATORY INFORMATION

TSCA/DSL Status: All components in this product are on the U.S. TSCA and Canadian DSL.

WHMIS (Canada): Not a WHMIS controlled product.

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SECTION 16: OTHER INFORMATION

HMIS Ratings

Health : 2

Flammability : 0

Reactivity : 0

NFPA Ratings

Health : 2

Flammability : 0

Reactivity : 0

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