

# Material Safety Data Sheet

24-Hour Emergency Telephone Number  
1-800-424-9300 (Chemtrec)



MSDS #: 11010

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DATE OF PREPARATION: 12/15/2008

LAST REVISION DATE: 12/15/2008

## HMIS Ratings:

HEALTH: 0  
FLAMMABILITY: 0  
REACTIVITY: 0  
PROTECTION: -

### SECTION I - PRODUCT IDENTIFICATION

**PRODUCT NAME:** BONA® HARDWOOD FLOOR REFRESHER (PROFESSIONAL SERIES)

**PRODUCT DESCRIPTION:** WATERBORNE URETHANE WOOD FLOOR MAINTENANCE PRODUCT

### SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS #	% WEIGHT	Occupational Exposure Limits		VAPOR PRESSURE- mm Hg
			ACGIH-TLV	OSHA-PEL	
NONE	---	---	---	---	---

### SECTION III - PHYSICAL DATA

**BOILING RANGE:** >212F (100C)      **EVAPORATION RATE:** Slower than n-Butyl Acetate

**% VOLATILE - WT:** 90      **DENSITY:** 8.39 LBS/GAL (1.01KG/L)

**VAPOR DENSITY:** Heavier than air      **SOLUBILITY IN WATER:** Miscible

**PRODUCT CHARACTERISTICS:** White, milky liquid with sweet acrylic odor

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLAMMABILITY CLASSIFICATION:** Non-Flammable

**FLASH POINT:** None

**% OF VOL. OF FLAMMABLE LIMITS (Upper):** N/A      **(Lower):** N/A

**EXTINGUISHING MEDIA:** Water Spray, Foam, Carbon Dioxide, Dry Chemical

**UNUSUAL FIRE EXPLOSION HAZARDS:** Closed containers may explode (due to the build-up of steam pressure) when exposed to extreme heat.

**SPECIAL FIREFIGHTING PROCEDURES:** Water may be used to cool closed containers to prevent pressure build-up.

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## SECTION V - HEALTH HAZARD DATA AND FIRST AID PROCEDURES

- EYE CONTACT:** No adverse effects expected under typical use conditions.
- SKIN CONTACT:** No adverse effects expected under typical use conditions.
- INHALATION:** No adverse effects expected under typical use conditions.
- INGESTION:** May cause gastrointestinal irritation. If swallowed, drink 1 or 2 glasses of water to dilute.
- PRIMARY ROUTES OF ENTRY:** Ingestion and Dermal
- REGULATORY DATA:** Section 313 supplier notification: This product contains the following chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40CFR 372: None. This product contains the following chemical(s) which are known to the state of California to cause cancer or to cause birth defects or other reproductive harm: None.
- TOXICITY INFO:** No ingredients in this product are listed by OSHA, IARC or NTP as a carcinogen, teratogen, mutagen, or as having toxic reproductive effects. See Section II for exposure limits. Not an eye irritant or dermal irritant; non-toxic by oral ingestion and inhalation under FHSA/CPSC guidelines.

## SECTION VI - REACTIVITY DATA

- STABILITY:** Stable
- HAZARDOUS DECOMPOSITION PRODUCTS:** None
- HAZARDOUS POLYMERIZATION:** Will Not Occur
- INCOMPATIBILITY (MATERIALS TO AVOID):** None Known
- REACTIVITY WITH WATER:** Will Not Occur

## SECTION VII - SPILL OR LEAK PROCEDURES

- IN CASE MATERIAL IS RELEASED OR SPILLED:** No special procedures required.
- WASTE DISPOSAL:** Contaminated absorbent should be disposed of in accordance with local, state and federal regulations.
- SHIPPING INFORMATION:** Not regulated as a DOT hazardous material

## SECTION VIII - SAFE HANDLING AND USE INFORMATION

- RESPIRATORY PROTECTION:** Not required under normal use conditions.
- VENTILATION:** Use adequate mechanical (general and/or local) ventilation to maintain exposure below TLV.
- PROTECTIVE GLOVES:** Not necessary under normal use conditions.
- EYE PROTECTION:** Not necessary under normal use conditions.
- OTHER PROTECTIVE EQUIPMENT:** Not necessary.

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**HYGIENIC PRACTICES:** Wash hands with soap and water before eating or using rest rooms.

## SECTION IX - MISCELLANEOUS

Do not transfer contents to bottles or other unlabeled containers. Do not store in high temperature (above 100F or 38C) environment. Keep from freezing.

**\*\*\*KEEP OUT OF THE REACH OF CHILDREN\*\*\***

### KEY CODE

HMIS = Hazardous Materials Information System

0 = Minimal Hazard

1 = Slight Hazard

2 = Moderate Hazard

3 = Serious Hazard

4 = Severe Hazard

N/A = Not Applicable

N/E = Not Established

ACGIH = American Conference of Governmental Industrial Hygienists

OEL= Occupational Exposure Limits

PEL = Permissible Exposure Limit = exposure limit to an airborne contaminant in a workday set by OSHA

TLV = Threshold Limit Value = Time-weighted average concentration for a normal 8-hour workday without adverse effect.

IARC = International Agency for Research on Cancer

NTP = National Toxicology Program

OSHA = Occupational Safety and Health Administration

For additional health and safety information, call the BonaKemi Compliance Department at (303) 371-1411.

The identities of ingredients are withheld as proprietary information. The information on this data sheet represents our best opinion as to the proper use and handling of this product under normal conditions, based upon information compiled from sources considered to be dependable. It is accurate and reliable to the best of our knowledge and belief, but is not guaranteed to be so. It is the user's responsibility to determine the suitability of this product for a specific purpose and to adopt such safety precautions as may be necessary. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.

**BEFORE USING ANY PRODUCT, READ THE LABEL.**